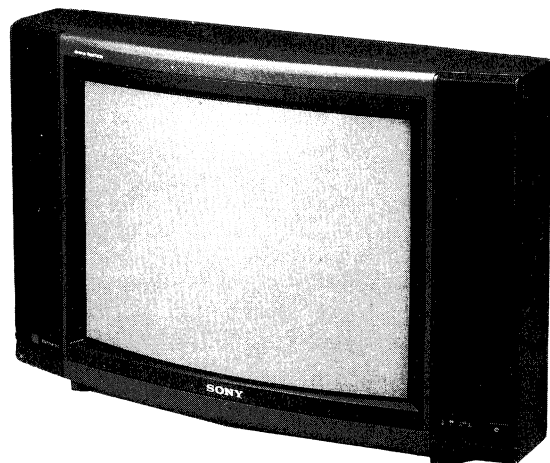


# KV-C27TD

## RM-673

## SERVICE MANUAL

*AEP Model*  
*Australian Model*  
 Chassis No. SCC-B14J-A



# AE-1 CHASSIS

**Note:** The service manuals for RM-673 have been issued separately.

### MODELS OF THE SAME SERIES

KV-C27TD (AEP, AUS)	KV-21XSD/21XSTD (AEP)
KV-X25TD (AEP)	KV-25XSD/25XSTD (AEP)
KV-X21TD (AEP)	

### SPECIFICATIONS

Television system	CCIR B, G and H
Colour system	PAL SECAM
Stereo system	German two carrier system
Channel coverage (AEP)	VHF channels E2-E12 UHF channels E21-E69 Cable TV channels S1-S20 (a total of up to 30 preselected channels)
Channel coverage (AUS)	VHF channels 1-11 UHF channels 28-63
Picture tube	Trinitron tube 114-degree deflection Approx. 68cm (27 inches) (Approx. 64cm picture measured diagonally)
Sound output	10W+10W (music power)
Inputs	21-pin connector: CENELEC standard
Outputs	Headphones jack: stereo minijack External speaker terminals: 2-pin DIN
Power consumption	115Wh
Dimensions	Approx. 810×530×480mm (w/h/d)
Weight	Approx. 43kg
Supplied accessories	RM-673 Remote Commander (1) IEC designation R6 batteries (2)

Design and specifications are subject to change without notice.


**TRINITRON® COLOR TV**  
**SONY®**



## TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>	<u>Section</u>	<u>Title</u>	<u>Page</u>
<b>1. GENERAL</b>			<b>5. DIAGRAM</b>		
1-1.	First of All .....	3	5-1.	Block Diagram .....	19
1-2.	Connecting Other Equipment .....	3	5-2.	Circuit Boards Location .....	24
1-3.	Function of Controls .....	5	5-3.	Schematic Diagram (1) .....	25
1-4.	Viewing Teletext .....	7	5-4.	Printed Wiring Boards (1) .....	30
<b>2. DISASSEMBLY</b>				Schematic Diagram (2) .....	32
2-1.	Rear Cover Removal .....	8		Printed Wiring Boards (2) .....	36
2-2.	Chassis Assy Removal .....	8		Schematic Diagram (3) .....	39
2-3.	J, A and V Boards Removal .....	8		Printed Wiring Boards (3) .....	44
2-4.	KS and B Boards Removal .....	9	5-5.	Semiconductors .....	46
2-5.	Picture Tube Removal .....	9	<b>6. EXPLODED VIEWS</b>		
2-6.	Service Position .....	10	6-1.	Rear Cover .....	47
<b>3. SET-UP ADJUSTMENTS</b>			6-2.	Picture Tube .....	48
3-1.	Beam Landing .....	11	<b>7. ELECTRICAL PARTS LIST</b>		49
3-2.	Convergence .....	12			
3-3.	Focus .....	13			
3-4.	White Balance .....	14			
<b>4. CIRCUIT ADJUSTMENTS</b>					
4-1.	B Board Adjustments .....	15			
4-2.	D Board Adjustments .....	16			
4-3.	A Board Adjustments .....	16			
4-4.	J <sub>1</sub> Board Adjustments .....	17			
4-5.	D <sub>1</sub> Board Adjustments .....	17			
4-6.	V Board Adjustments .....	17			
4-7.	Sub Adjustments .....	18			

### SAFETY-RELATED COMPONENT WARNING !!


COMPONENTS IDENTIFIED BY SHADING AND MARK  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

## SECTION 1

### GENERAL



**Note)** The layout, etc., will be slightly different from the operating instructions packed with the units.

#### 1-1. FIRST OF ALL

- 1 Connect the aerial to the  socket on the rear of the set.  
This socket receives the standard 75-ohm aerial plug.
- 2 Plug in the set.
- 3 Tune in the available channels.

Use the buttons inside the front panel. To open the panel, press the centre.




To tune in all channels automatically :

- 1 Press  (Preset)
- 2 Press PROGR to select the programme position from which tuning is to start.
- 3 Press  (Auto programming).



The channels will be tuned in and memorized in consecutive positions, beginning from the programme position selected in step 2.

When tuning has been completed, the set returns to the position where tuning began.

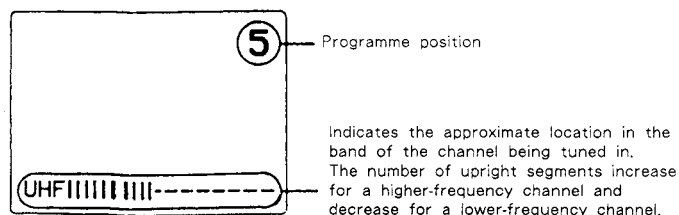
To tune in a channel in any desired programme position. (e. g. the position with the same number as the channel) :

- 1 Press  (Preset).
- 2 Press PROGR to select the desired programme position.
- 3 Press C (Clear).
- 4 Press  (Search) repeatedly until the desired channel appears.
- 5 Repeat steps 2 to 4 for all channels, if required.
- 6 Press  (Preset) again.

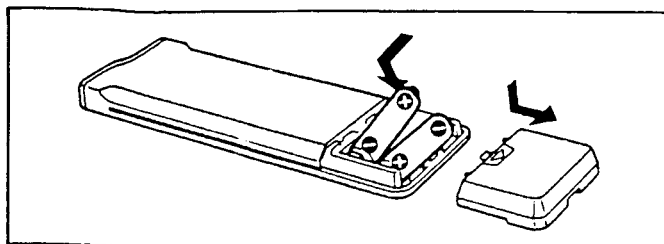
To have the unused programme positions skipped when PROGR+ or PROGR- is pressed :

- 1 Press  (Preset).
- 2 Press PROGR to select the unused position.
- 3 Press C (Clear).
- 4 Repeat steps 2 and 3 for all unused position.
- 5 Press  (Preset) again.

On-screen display while tuning

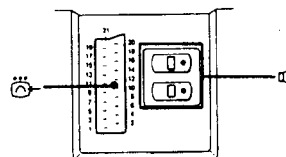



- 4 Insert two R6 batteries checking the correct polarity.



#### 1-2. CONNECTING OTHER EQUIPMENT

connectors on rear set



L/G/S	Left external speaker terminal (2-pin DIN)	Connect to external speakers. The TV speakers will be disconnected. Speakers 8-16
R/D/D	Right external speaker terminal (2-pin DIN)	
	21-pin connector (CENELEC standard)	Connect to a VTR micro computer, etc. using an optional connection cord. The picture of the TV channel being received is always output.

#### VTR operation using the supplied Commander

Remote operation of the VTR (8mm only) is limited to the features and functions of the VTR.

For further details, refer to the VTR manual.

When watching a video with the VTR connected to the connector, set the channel for the video to the programme number 0 or any empty channel between 20 and 29.

#### Note

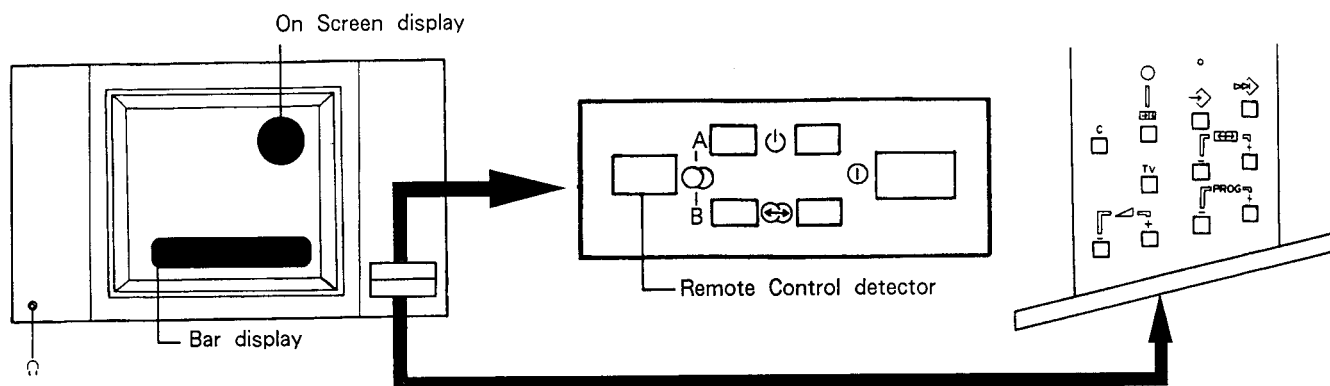
Move the VTR away from the TV, if the picture or sound is distorted.

21 Pin Connector

Pin No	Signal	Signal level
1	Audio output B (right)	Standard level : 0.5 Vrms Output impedance : Less than 1 k ohm*
2	Audio input B (right)	Standard level : 0.5 Vrms Input impedance : More than 10 k ohms*
3	Audio output A (left)	Standard level : 0.5 Vrms Output impedance : Less than 1 k ohm*
4	Ground (audio)	
5	Ground	
6	Audio input A (left)	Standard level : 0.5 Vrms Input impedance : More than 10 k ohms*
7	Blue input	0.7 V $\pm$ 2 dB, 75 ohms, positive
8	Function select (AV control)	High state (9.5–12 V) : Part mode Low state (0–2 V) : TV mode Input impedance : More than 10 k ohms Input capacitance : Less than 2 nF
9	Ground (green)	
10	Open	
11	Green/Green with sync input	Green signal : 0.7 V $\pm$ 2 dB, 75 ohms, positive Green with sync signal : 1 V $\pm$ 2 dB, 75 ohms, positive
12	Open	
13	Ground (red)	
14	Ground (blanking)	
15	Red input	(Same as Pin 7)
16	Blanking input (Ys signal)	High state (1–3 V) Low state (0–0.4 V) Input impedance : 75 ohms
17	Ground (video output)	
18	Ground (video input)	
19	Video output	1 V $\pm$ 2 dB, 75 ohms, positive Sync : 0.3 V (–3, $\pm$ 10 dB)
20	Video input	1 V $\pm$ 2 dB, 75 ohms, positive Sync : 0.3 V (–3, $\pm$ 10 dB)
21	Common ground (plug, shield)	

\* at 20 Hz–20 kHz

## 1-3. FUNCTION OF CONTROLS



## On the set

**On-screen display**

Indicates programme numbers and input modes.

**Bar display**

Indicates the level of volume, colour, brightness, contrast, bass, treble and balance.

**Note on function.**

When the volume is at the minimum setting the balance function will not operate.

 **Power switch**

To cut off the mains power completely, press this switch. Depress the power switch fully to ensure correct operation of the set.

**Note**

To ensure correct operation, push the switch in fully.

 **standby indicator**

Lights up brightly when the set is in the standby mode.

**Note**

If the main power is turned off when in standby mode, the standby indicator will take 2 to 6 seconds to go off.

 **space sound indicator**

Lights up when on the Remote Commander is pressed.

**A/B indicators**

One of them lights during bilingual broadcast. (Choose A or B with the Remote Commander.) Both light during stereo broadcast. In AV mode, A lights for left channel, B for right channel, or A and B for both channels.

**Remote control detector**

Point the Remote Commander towards this detector.

## Inside the panel

headphones jack ( stereo minijack)

 **SEARCH buttons**

Press to fine tune a weak channel manually, if required. When pressed, the indicator (AFT) goes off and the AFT circuit does not function on the selected channel.

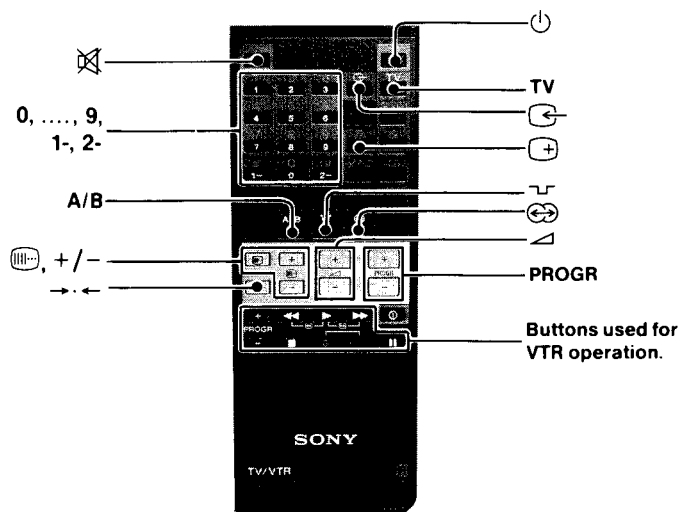
To restore the AFT circuit on this channel, press (AFT) so that the indicator lights up.

 **AFT button and indicator**

Normally, press so that the indicator lights up. The AFT circuit automatically fine tunes the channel for the best possible picture.

 **volume buttons**

PROGR+, PROGR- programme scan buttons



#### On the Remote Commander

To operate the Commander, point it toward the remote control detector.

#### Mute button

#### 0, ..., 9, 1-, 2- buttons

To tune into:  
programme 15, press 1- and 5  
programme 25, press 2- and 5

#### A/B button

Press to select the language in a bilingual broadcast, or to select the channel in AV mode.

#### +/- analog select buttons

Press .  
 will appear on the screen. Adjust by pressing + or -.  
Press again and adjust (colour), then (brightness),  
 (bass), (treble) and (balance).

#### → ← reset button

Press to reset colour and contrast and brightness to factory-set levels.

#### Standby button

Press to change to the standby mode. Use this button to turn off the set for short periods of time.  
To turn on the set, press TV or the programme number; there will be a slight delay before the picture is restored.

If the main power is turned off when in standby mode, the standby indicator will take 2 to 6 seconds to go off.

#### TV button

Press to change to the TV mode from the standby or input modes.

#### Input button

Press to view the input picture coming in through the connector.

" " lights up on the screen.

Press TV or the programme number to return to the TV mode.

#### Loudness button

Press to emphasize high and low notes.

#### On-screen display button.

Press to make the display appear on the screen.  
Press again to make them disappear.

#### Space sound button

Press to obtain special acoustic effects.

#### Volume buttons

#### PROGR programme scan buttons

#### Note

Buttons not referred to on this page or next page do not operate.

## 1-4. VIEWING TELETEXT

To view the teletext service, use the Remote Commander. The buttons for teletext operation are indicated in green.

### Operation

- 1 Select the TV channel for the desired teletext service.
- 2 Press / (TEXT / MIX) to display the teletext service. Once / has been pressed, the TV channel cannot be changed.
- 3 Key in the three digits for the desired page using the number buttons. If an error is made, complete the three digit sequence by keying in any digit. Then re-enter the correct page number. The requested teletext page is displayed.

To return to the TV mode, press TV on the remote commander.

The teletext service can be displayed directly from the standby mode, by pressing / .

**To receive the teletext service of a different TV channel.**

- 1 Press TV to return to the TV mode.
- 2 Select the desired TV channel.
- 3 Press / .

### Note

To receive the teletext service accurately, keep / inside the panel switched on during teletext operation.

**To display the index page.**

Press (INDEX).

If the necessary signal is not being broadcast, page 100 is displayed.

**To rapidly access the next or preceding page**  
press (PAGE+) or (PAGE-).

**To superimpose the teletext display on the TV picture.**

Press / twice from TV mode.

Press again to return to the TEXT display.

**To suppress the teletext display so that the TV picture is displayed.**

Press (TEXT CL).

This button can be operated from both the TEXT and MIX displays.

**To prevent a teletext page (subpage) from being updated / changed.**

Press HOLD. The HOLD symbol appears at the top of the screen.



To resume normal teletext reception, press / TEXT / MIX.

**To enlarge the teletext display.**

Press .

Press once to enlarge the upper half of the display; press again to enlarge the lower half of the display; press again to return to the normal display.

**To reveal concealed information such as the answers to a quiz**

Press (REVEAL)

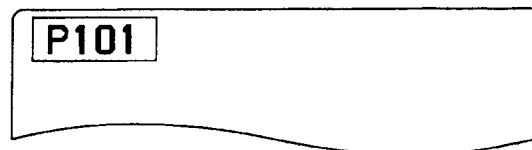
Press again to conceal the answers.

**To adjust the contrast of the teletext display.**

When in teletext mode, adjust by using the + or - keys adjacent to the key.

**To watch the TV programme while waiting for a requested page to be displayed.**

- 1 Request new page.
- 2 Press to watch the TV programme. The requested page number appears at the top left of the screen. When the requested page has been captured, the page number is displayed in the top left hand corner of the screen.



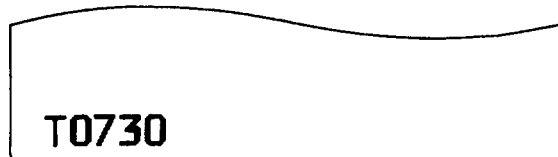
To view this page, press / .

**To have a requested page displayed at a predetermined time.**

- 1 Request a time coded page (e. g. alarm page).
- 2 Press (TP ON).  
"T\*\*\*\*" will appear at the bottom of the screen.



- 3 Enter your request time with the number buttons, using four digits. For example, 07 : 30.



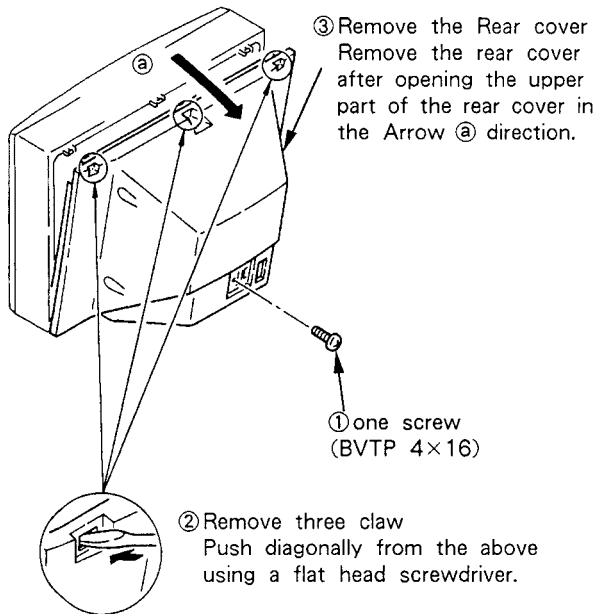
To watch the TV programme until the requested time, press . At the requested time, the page number will be displayed at the bottom of the screen.

To view this page, press / .

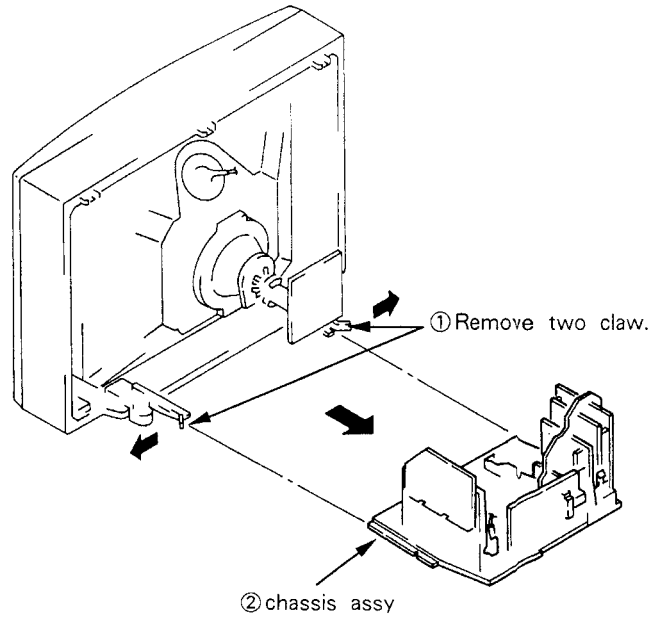
To cancel the request, first ensure that the teletext page is displayed, then press (TP OFF).

## SECTION 2 DISASSEMBLY

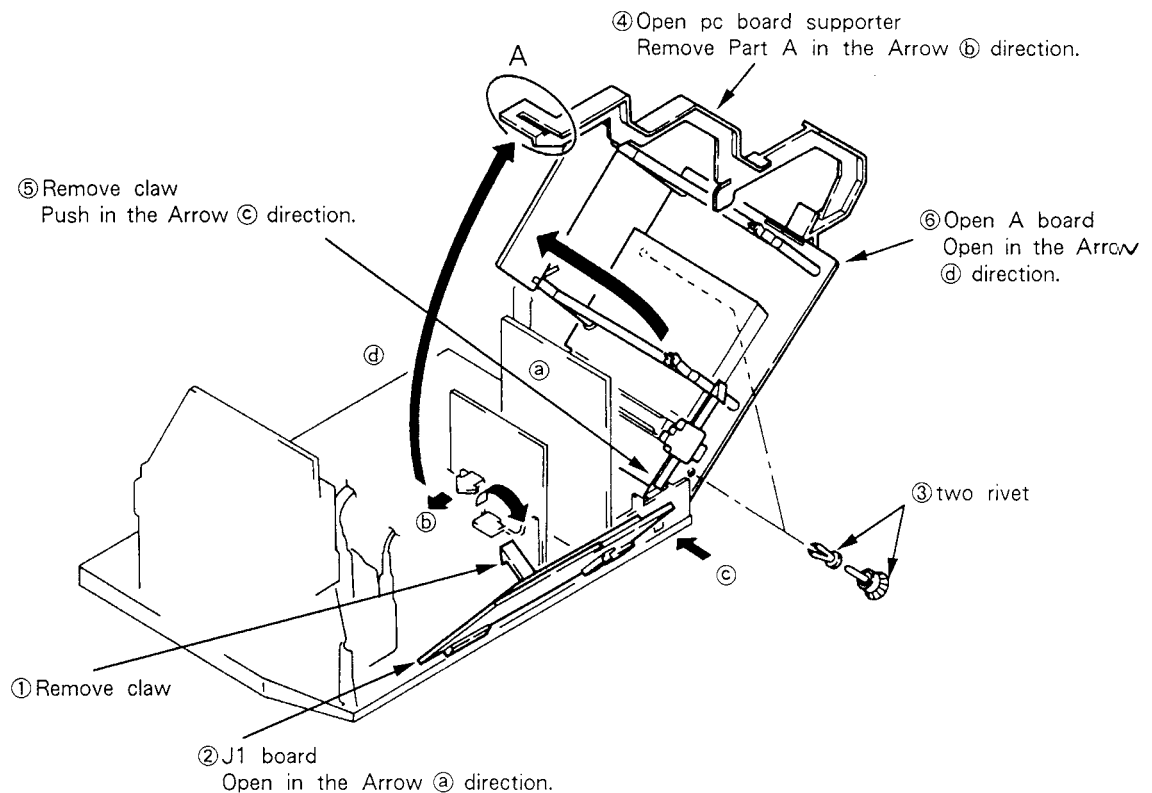
### 2-1. REAR COVER REMOVAL



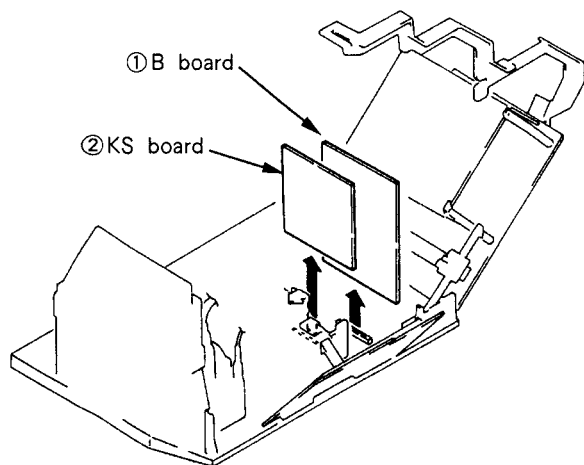
### 2-2. CHASSIS ASSY REMOVAL



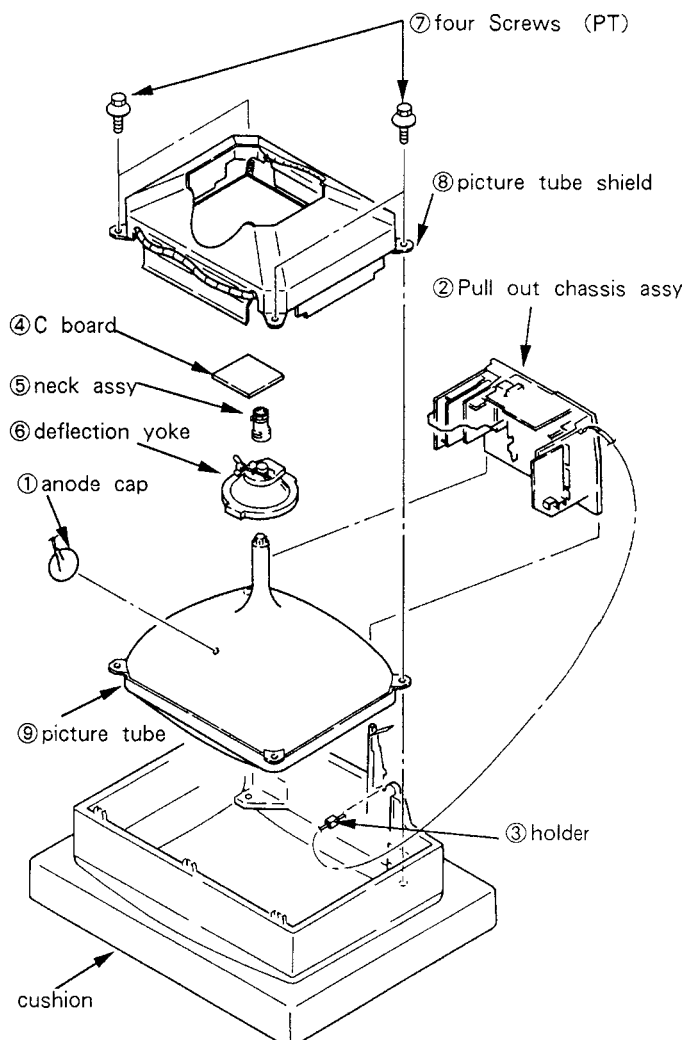
### 2-3. J1, A AND V BOARDS REMOVAL



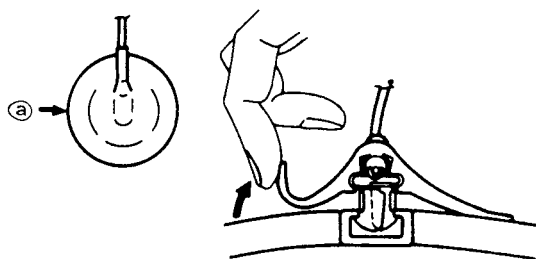
## 2-4. KS AND B BOARDS REMOVAL



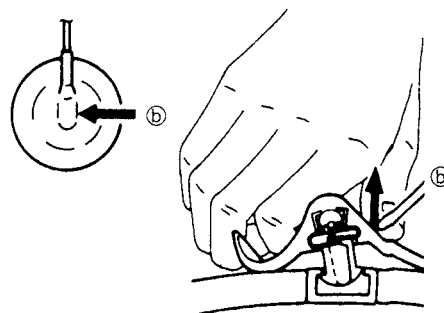
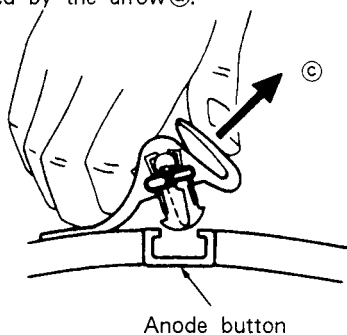
## 2-5. PICTURE TUBE REMOVAL



### ● Removing Procedures



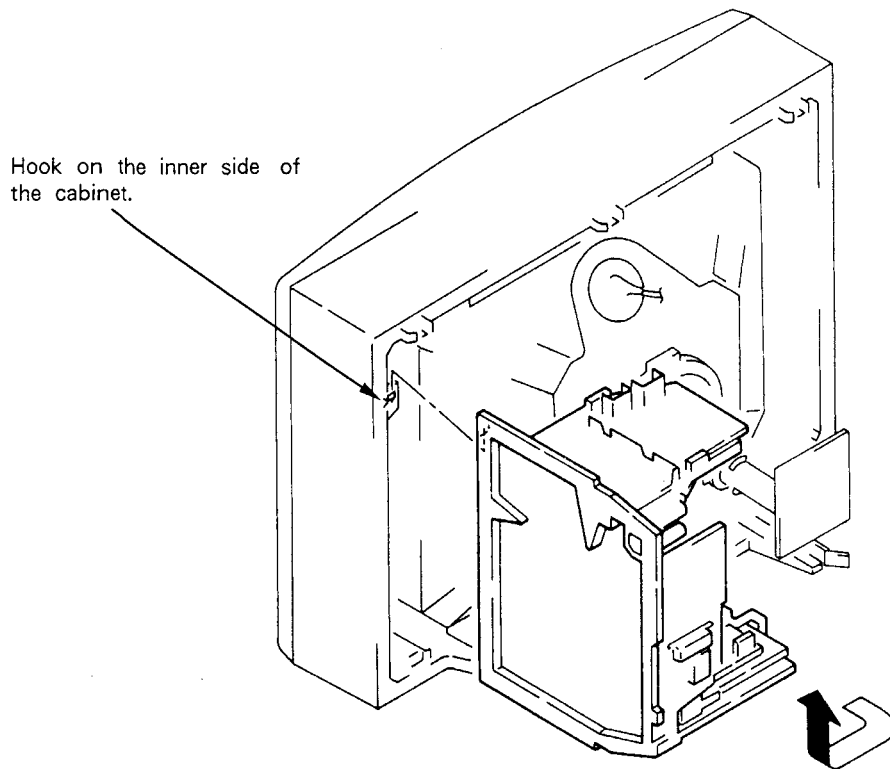
① Turn up one side of the rubber cap in the direction indicated by the arrow (a).



② Using a thumb, pull up the rubber cap firmly in the direction indicated by the arrow (b).

③ When one side of the rubber cap is separated from the anode button, the anode cap can be removed by turning up the rubber cap and pulling up it in the direction of the arrow (c).

**2-6. SERVICE POSITION**



## SECTION 3

### SET-UP ADJUSTMENTS

- The following adjustments should be made when a complete realignment is required or a new picture tube is installed.
- These adjustments should be performed with rated power supply voltage unless otherwise noted.

The control and switch below should be set as follows unless otherwise noted :

● CONTRAST control ..... 80% (or Normal by Commander)  
 ☆ BRIGHTNESS control .... 50%

Perform the adjustments in order as follows :

1. Beam Landing
2. Convergence
3. Focus
4. White Balance

**Note :** Test Equipment Required.

1. Colour Bar/Pattern Generator
2. Degausser
3. DC Power Supply
4. Digital multimeter
5. Oscilloscope

#### 3-1. BEAM LANDING

1. Input a raster signal with the pattern generator.  
     CONTRAST } normal  
     BRIGHTNESS }
2. Turn the raster signal of the pattern generator to red.
3. Move the deflection yoke backward, and adjust with the purity control so that red is in the centre and blue and green are at the sides, evenly. (Fig. 3-1 - 3-3)
4. Move the deflection yoke forward, and adjust so that the entire screen becomes red. (Fig. 3-1)
5. Switch over the raster signal to blue and green and confirm the condition.
6. When the position of the deflection yoke is determined, tighten it with a deflection yoke mounting screw.
7. When landing at the corners is not right, adjust by using the magnet. (Fig. 3-4)

Fig.3-1

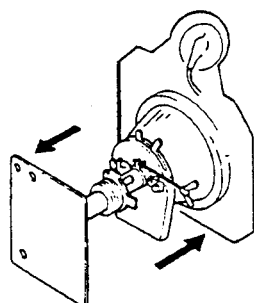


Fig.3-2

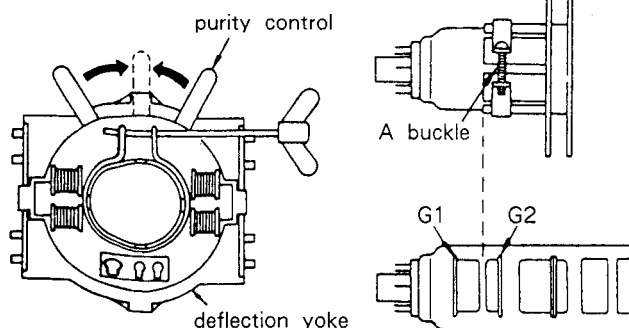


Fig.3-3

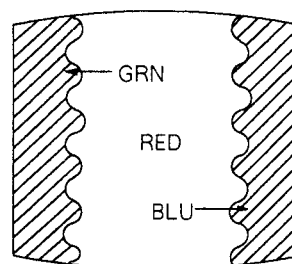
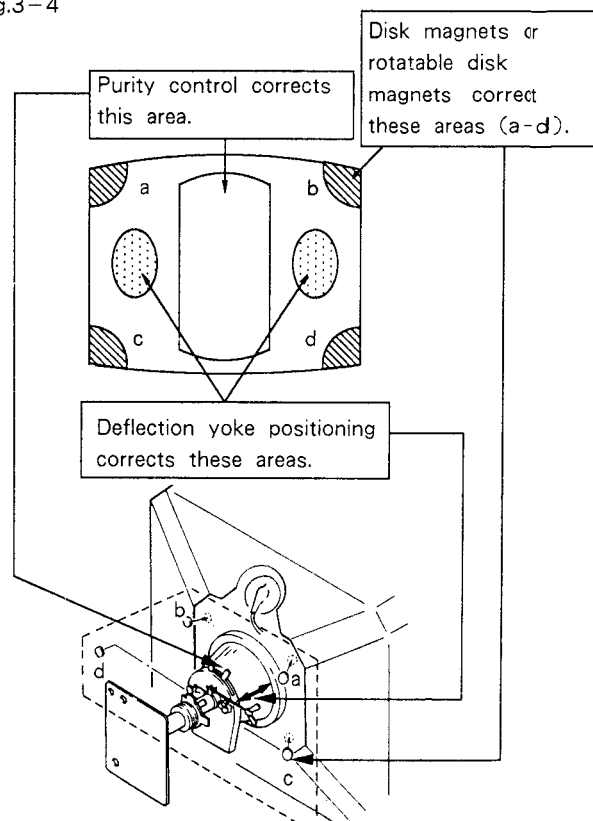


Fig.3-4

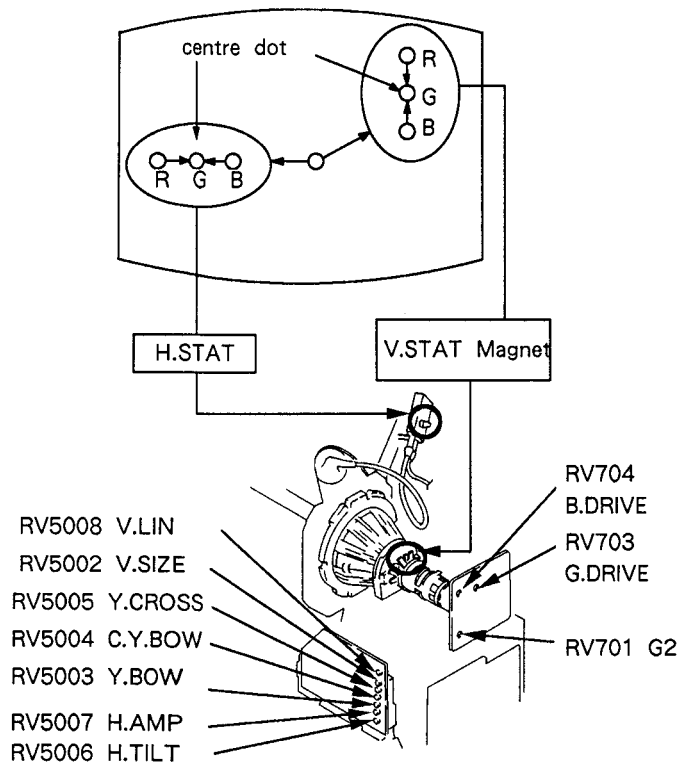


### 3-2. CONVERGENCE

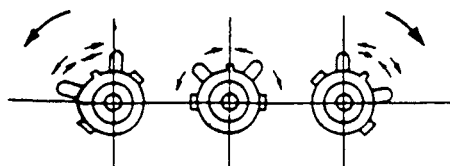
#### Preparation :

- Before starting, perform FOCUS, H. SIZE and V. SIZE adjustments.
- Set BRIGHTNESS control to minimum.
- Feed in the dot pattern.

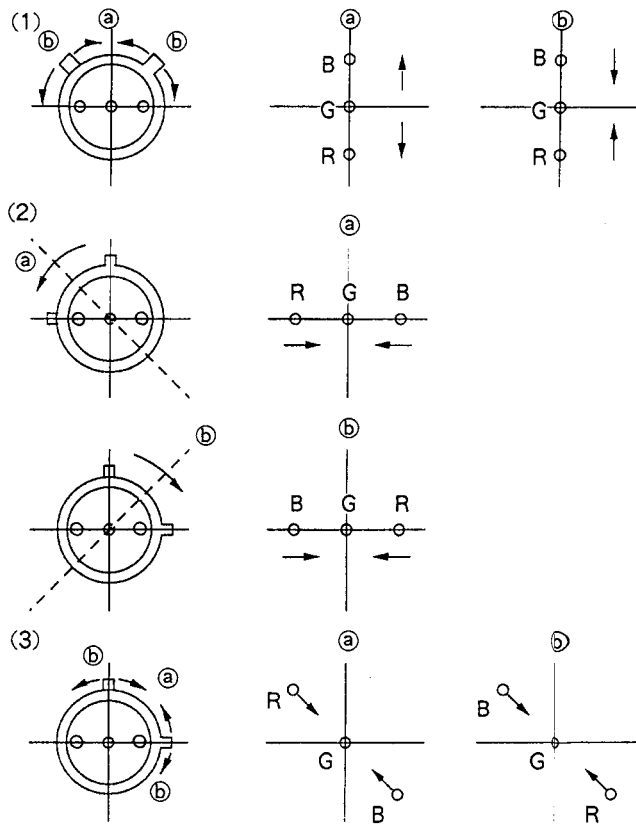
#### (1) Horizontal and Vertical Static Convergence



1. Adjust H. STAT VR to coincide red, green and blue dots on the centre of screen. (Horizontal movement)
  2. Adjust V. STAT magnet to coincide red, green and blue dots on the centre of screen. (Vertical movement)
  3. If the red, green and blue dots do not coincide on the centre of screen with H. STAT VR, perform horizontal convergence adjustment using H. STAT VR and V. STAT magnet as shown below. (In this case, H. STAT VR and V. STAT magnet effect each other.)
- Tilt the V. STAT magnet and adjust static convergence to open or close the V. STAT magnet.

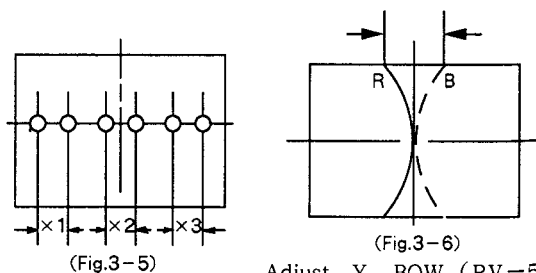


4. When the V. STAT magnet is moved in the direction of arrow (a) and (b), red, green and blue dots move as shown below.

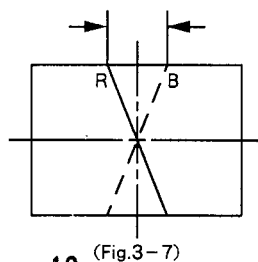


#### (2) Adjustment of Dynamic Convergence

1. Adjust H TILT (RV-5006) so that X<sub>1</sub>, X<sub>2</sub>, and X<sub>3</sub>, are equal.
2. Adjust H AMP (RV-5007) so that X<sub>2</sub>, and X<sub>3</sub>, are equal.
3. Adjust H STATIC so that the dots are overlapped.
4. If dynamic convergence is not sufficiently adjusted after performing the above steps, repeat Steps 1 through 3 (Fig.3-5)



Adjust Y. BOW (RV-5003) to correct the arrow-shaped misconvergence along the y axis. (Fig.3-6)



Adjust Y. CROSS (RV-5005) to correct the cross misconvergence along the y axis. (Fig.3-7)

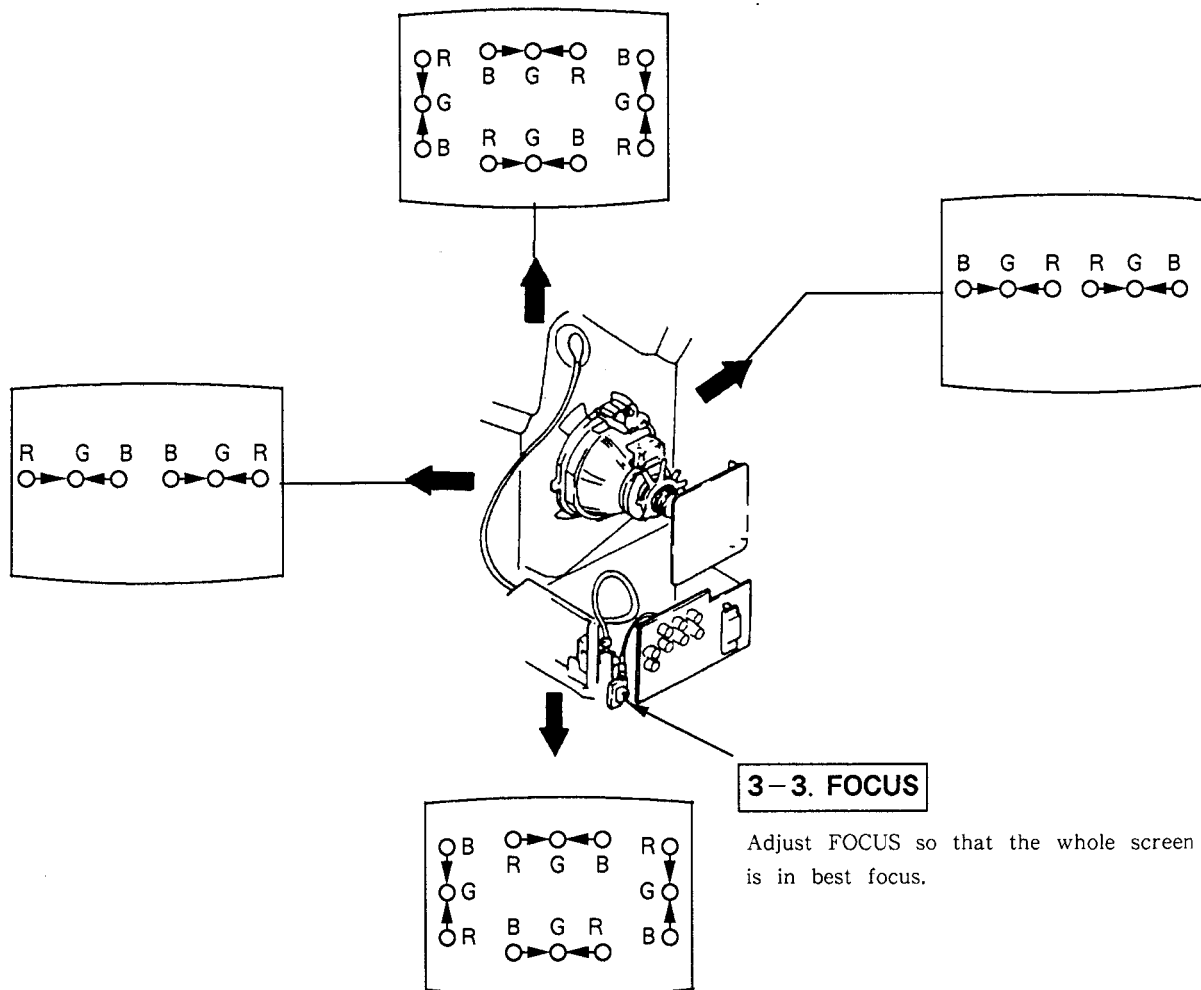
### (3) Dynamic Convergence Adjustment

#### Preparation :

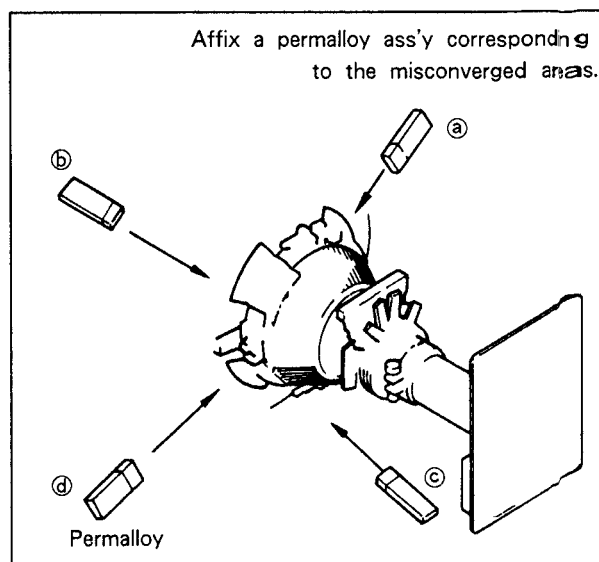
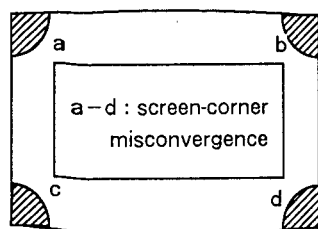
● Before starting, perform Horizontal and Vertical Static Convergence Adjustment.

1. Slightly loosen deflection yoke screw.
2. Remove deflection yoke spacers.

3. Move the deflection yoke for best convergence as shown below.
4. Tighten the deflection yoke screw.
5. Install the deflection yoke spacers.



### (4) Screen - corner Convergence



### **3-4. WHITE BALANCE**

[Screen (G2) Setting]

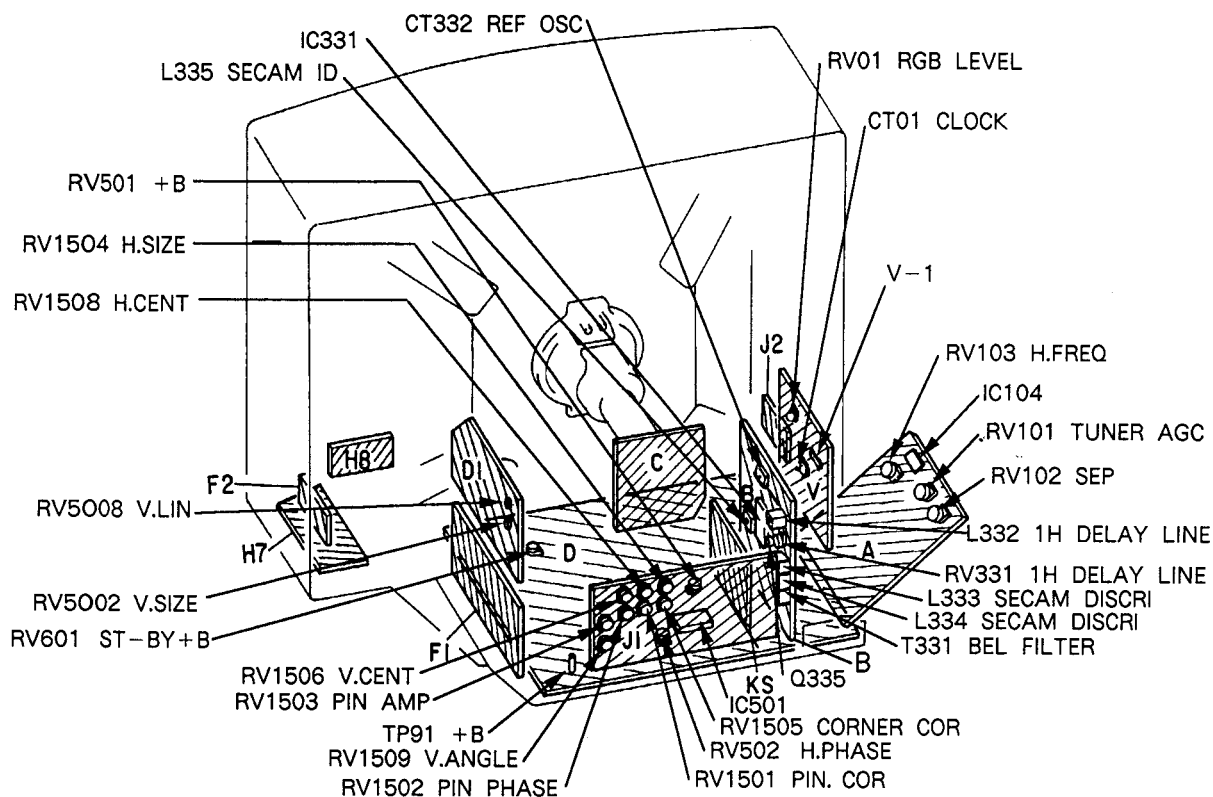
1. Input dot signals from the pattern generator.
2. Set the picture BRIGHTNESS control to the minimum level.
3. Apply 170 V dc to the cathodes of R, G, and B from an external power source.
4. While watching the picture, adjust the G2 volume (RV701) immediately before the fly-back line disappears.

[White Balance Adjustment]

1. Input all-white signals from the pattern generator.
2. Adjust the BRIGHTNESS and COLOUR controls to the standard level.
3. Adjust the white balance using RV704 (B DRIVE) and RV703 (G DRIVE).

In the following adjustments, the CONTRAST COLOUR and BRIGHTNESS controls are set to normal unless otherwise specified.

## SECTION 4 CIRCUIT ADJUSTMENTS



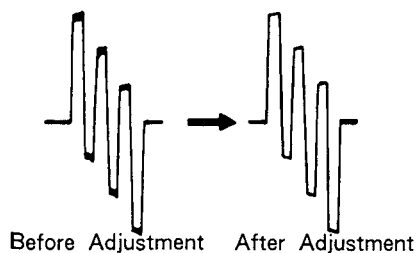
### 4-1.B BOARD ADJUSTMENTS

#### REF OSC Adjustment (CT332)

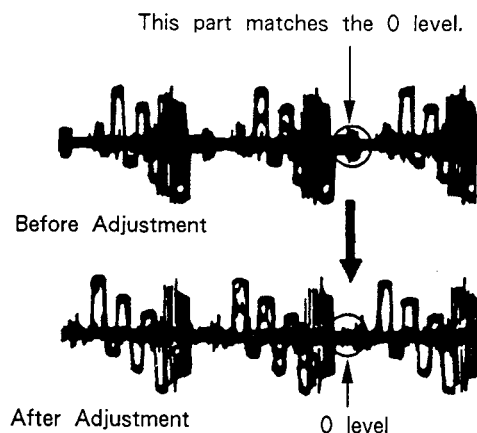
1. Input a PAL COLOUR BAR pattern.
2. Short circuit between pin ⑩ of IC331 and ground.
3. Adjust CT332 to obtain colour synchronization.
4. Remove the jumper wire from IC331.

#### 1H DELAY LINE Adjustment (L332, RV331)

1. Input a PAL COLOUR BAR pattern.
2. Connect the oscilloscope to pin ③ (B-Y) of IC331 and observe the waveform of the H block on the oscilloscope.
3. Adjust L332 to minimize the double waveform outline.



4. Input a PAL TEST COLOUR BAR pattern.
5. Rotate the RV331 VR and adjust till the ANT PAL part of the waveform matches the 0 level.



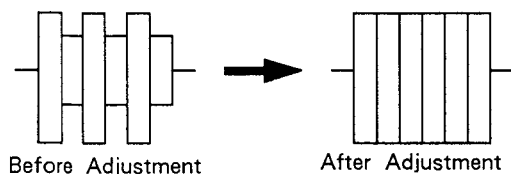
6. L332 and RV331 affect each other, so repeat till the conditions of both are met.

#### SECAM ID Adjustment (L335)

1. Input SECAM COLOUR BAR signal.
2. Connect a Digital Multi-meter at pin ② of IC331.
3. Adjust L335 so that the indicator goes up to the maximum.

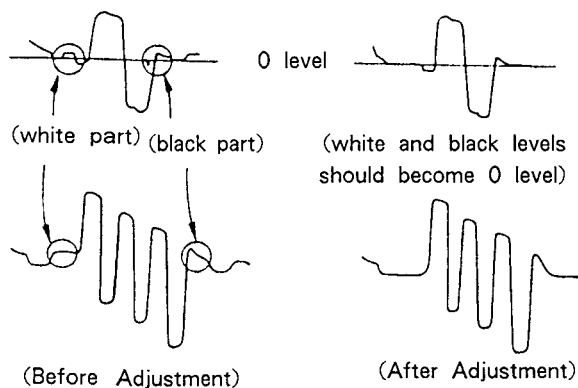
#### BELL FILTER Adjustment (T331)

1. Input SECAM COLOUR BAR pattern.
2. Connect an oscilloscope to the emitter of Q335.
3. Adjust T331 so that the waveform becomes flat.



#### SECAM DISCRI Adjustment (L333, L334)

1. Input SECAM COLOUR BAR pattern.
2. Connect an oscilloscope at pin ① of IC331.
3. Adjust L333 so that white and black part of the waveform of pin ① becomes 0 level.
4. Connect an oscilloscope at pin ③ of IC331.
5. Adjust L334 so that white and black part of the waveform of pin ③ becomes 0 level.



### 4-2.D BOARD ADJUSTMENTS

#### +B Adjustment (RV501)

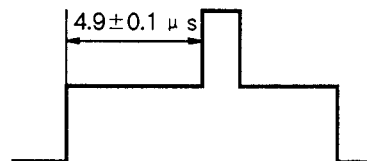
1. Connect a Digital Multimeter to TP91.
2. Adjust RV501 so that the voltage becomes  $135 \pm 0.2$  V.

#### ST-BY +B Adjustment (RV601)

1. Set up  $\phi$  standby (Remote Commander) mode.
2. Connect the digital multimeter to TP91.
3. Adjust RV601 so that the voltage becomes  $135 \pm 3$  V.
4. Release the  $\phi$  standby (Remote Commander) mode.

#### H. PHASE Adjustment (RV502)

1. Input the PAL TEST COLOUR BAR pattern.
2. Set the CONTRAST and BRIGHTNESS controls to the standard positions.
3. Set RV1508 (H. CENT) to the mechanical centre position.
4. Connect an oscilloscope to pin ⑩ (SPC OUT) of IC501.
5. Rotate RV502 and adjust Block T to  $4.9 \pm 0.1 \mu s$ .



### 4-3.A BOARD ADJUSTMENT

#### TUNER AGC Adjustment (RV101)

1. Tune in an off-air signal.
2. Adjust RV101 so that snow-noise and cross-modulation just disappear from the picture.

#### STEREO SEPARATION Adjustment (RV102)

1. Input stereo signal (L-CH 1kHz, R-CH 400Hz)
2. Check the stereo indicator.
3. Connect an oscilloscope to the pin ① (L) of CNA11 through band pass filter of 1kHz.
4. Adjust RV102 so that 1kHz voltage goes down to the minimum.

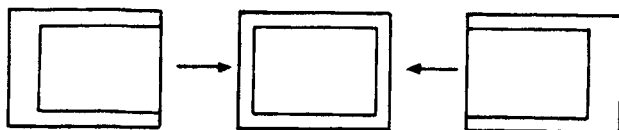
#### H. FREQ. Adjustment (RV103)

1. Input PAL COLOUR pattern.
2. Short circuit between pin ⑫ of IC104 and ground.
3. Connect a frequency counter to the pin ⑥ of IC104 through a probe of 10:1.
4. Adjust RV103 so that H. frequency becomes  $15,625 \pm 50$  Hz.

#### 4-4. J1 BOARD ADJUSTMENTS

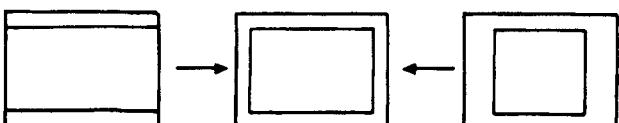
RV1508

H.CENT (HORIZONTAL CENTRE)



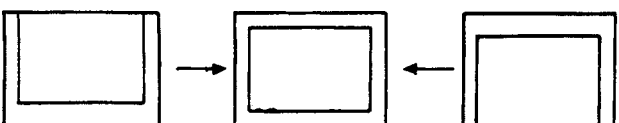
RV1504

H.SIZE (HORIZONTAL SIZE)



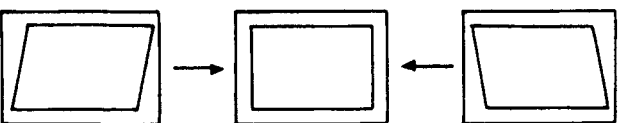
RV1506

V.CENT (VERTICAL CENTRE)



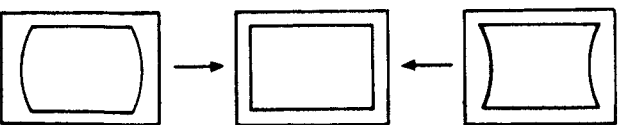
RV1509

V.ANGLE (VERTICAL ANGLE)



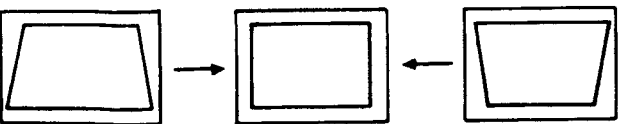
RV1503

PIN AMP (PINCUSHION AMPLIFIER)



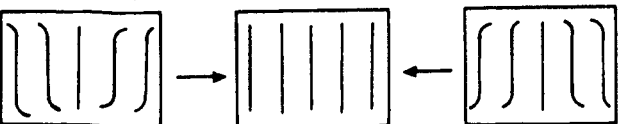
RV1502

PIN PHASE (PINCUSHION PHASE)



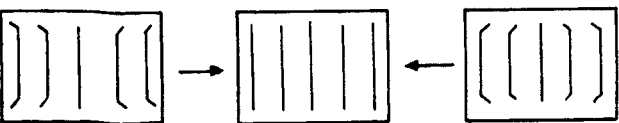
RV1501

PIN COR (PINCUSHION CORRECT)



RV1505

CORNER.COR (CORNER CORRECT)



#### 4-5. D1 BOARD ADJUSTMENTS

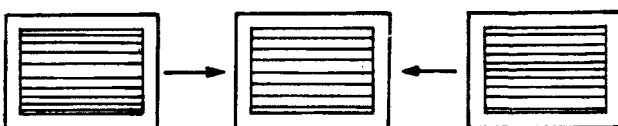
RV5002

V.SIZE (VERTICAL SIZE)



RV5008

L.LIN (VERTICAL LINEARITY)



#### 4-6. V BOARD ADJUSTMENTS

##### Clock Adjustment (CT01)

1. Disconnect the V-1 connector.
2. Set up the TELE TEXT mode.
3. Adjust CT01 to stop pictures from scrolling.

##### RGB Level Adjustment (RV01)

1. Set PICTURE to maximum.
2. Adjust RV01 till the RGB output becomes 0.65V.

#### 4-7. SUB ADJUSTMENTS

##### SUB BRIGHTNESS Adjustment

1. Receive and display a TEST COLOUR BAR pattern.
2. Push →•← on the remote commander to invoke the normal state.
3. Turn off the power supply.
4. Turn on the power supply while pushing the SUB button (S1414). (SUB mode is invoked.)
5. Reduce the ● CONTRAST to the minimum level.
6. Adjust the ✕ BRIGHTNESS control until the 0 IRE of the gray scale becomes completely cut off, and the 20 IRE becomes barely luminous.
7. Push the AFT button.(SUB mode is cleared)

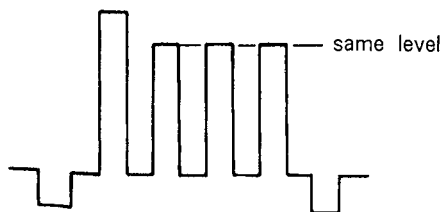
Where no TEST COLOUR BAR pattern is available,

1. Display a COLOUR BAR pattern.
2. Push →•← on the remote commander to invoke the normal state.  
Set the ● COLOUR to normal mode.  
Steps 3~5 are the same as above.
6. 20 IRE is close to blue, so adjust the ✕ BRIGHTNESS control till blue is faintly luminous.
7. Same as Step 7 above.
8. Push →•← on the remote commander to invoke the normal state.

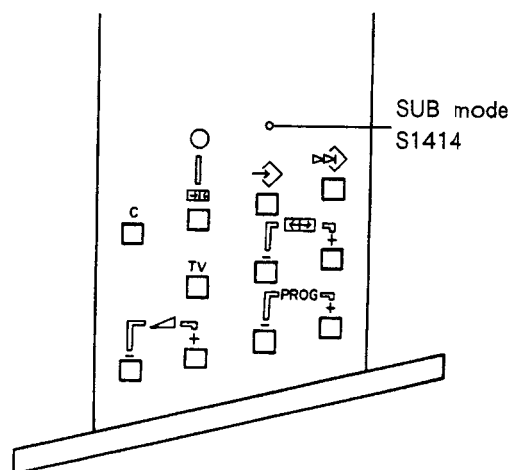
\* When Step 4 is executed correctly, S (SUB mode) is displayed at the upper right of the display. As S is displayed only for 30 seconds, perform the adjustment within 30 seconds, or repeat from Step 4.

##### SUB COLOUR Adjustment

1. Display a COLOUR BAR pattern.
2. Push →•← on the remote commander to invoke the normal state.
3. Turn off the power supply.
4. Turn on the power supply while pushing the SUB button (S1414). (SUB mode is invoked.)
5. Adjust the COLOUR control until the B out (pin ② of CNC72 connector on C board) waveform becomes as shown below.
6. Push the AFT button.(SUB mode is cleared.)

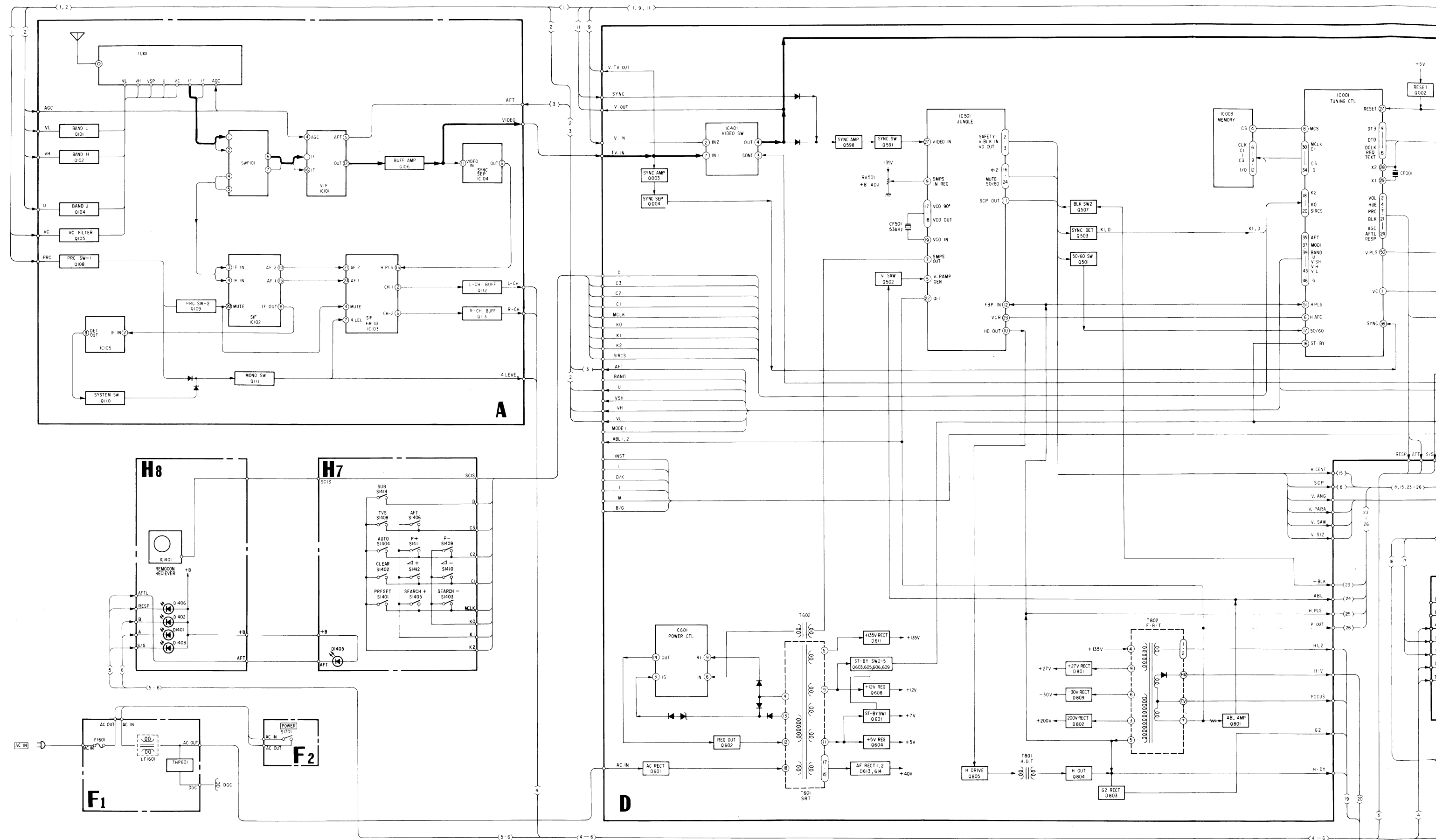


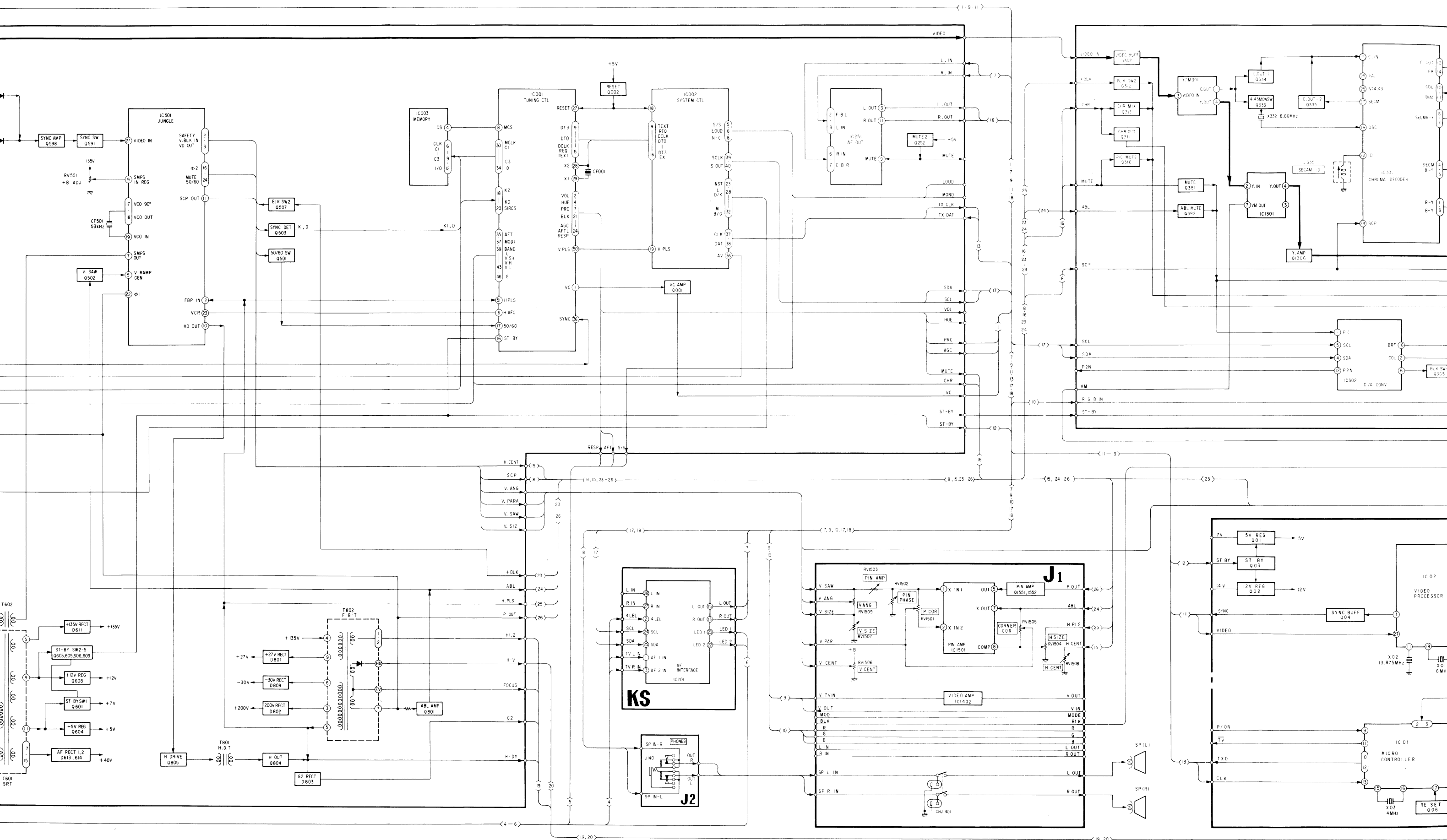
\* When Step 4 is executed correctly, S (SUB mode) is displayed at the upper right of the display. As S (SUB mode) is displayed only for 30 seconds, perform the adjustment with 30 seconds, or repeat from Step 4.

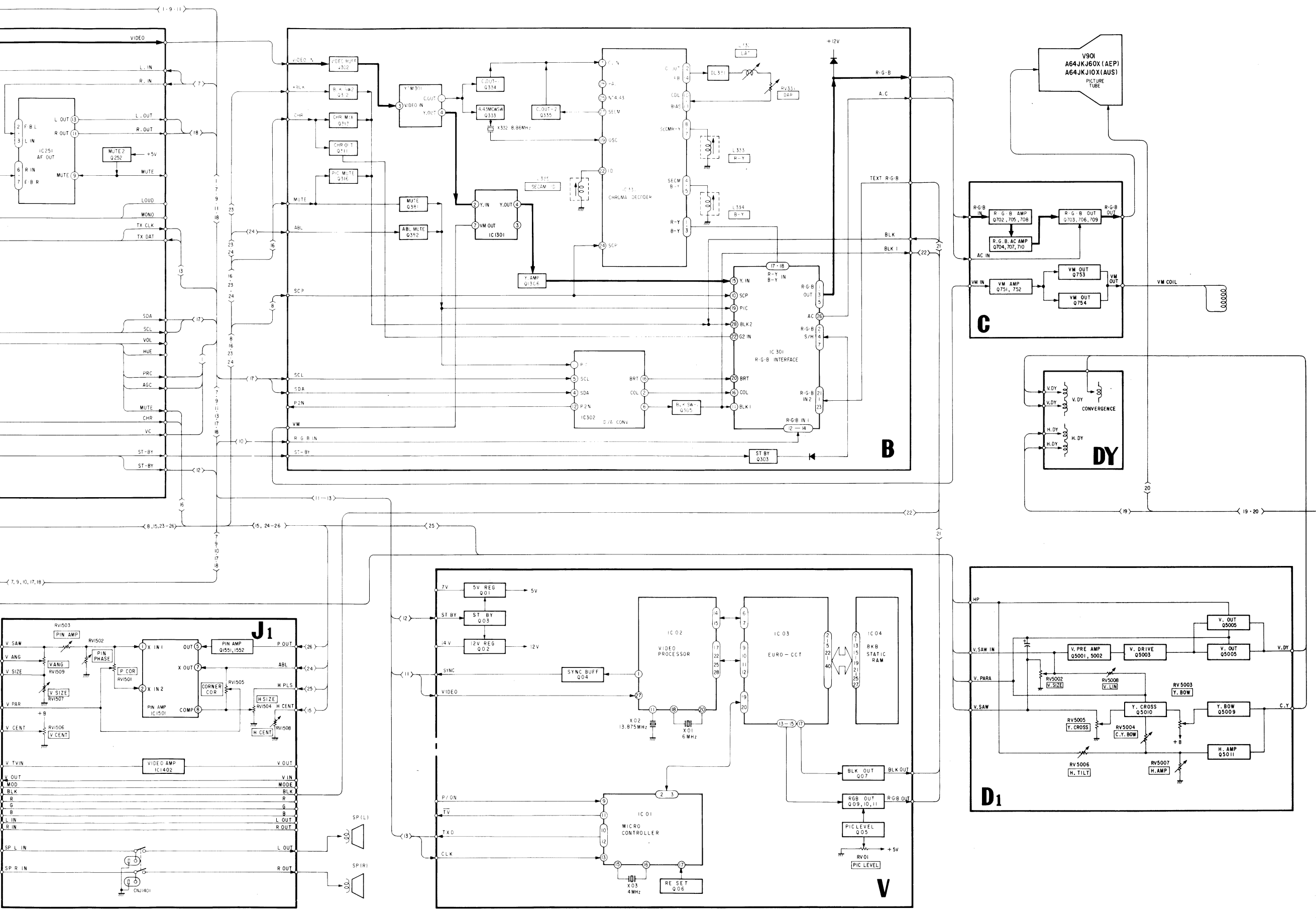


SECTION 5  
DIAGRAMS

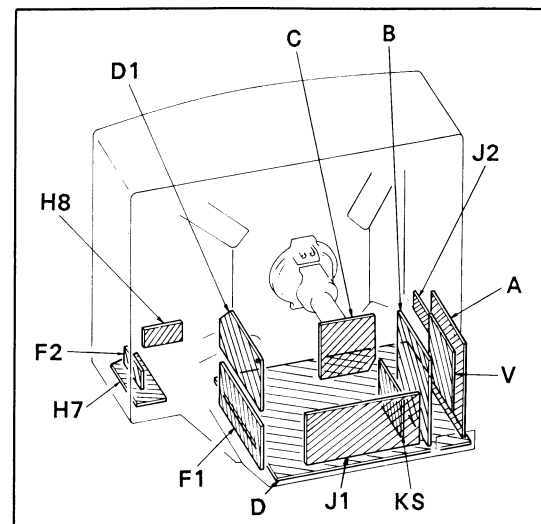
## 5-1. BLOCK DIAGRAM







## 5-2. CIRCUIT BOARDS LOCATION



Note:

- All capacitors are in  $\mu\text{F}$  unless otherwise noted.  $\text{pF}$ :  $\mu\mu\text{F}$  50WV or less are not indicated except for electrolytics.
- Indication of resistance, which does not have one for rating electrical power is as follows.

Pitch: 5mm

Rating electrical power:  $1/4\text{W}$ 

- All resistors are in ohms.
- : nonflammable resistor.
- : fusible resistor.
- : internal component.
- : panel designation.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- All voltages are in V.
- Readings are taken with a  $10\text{M}\Omega$  digital multimeter.
- Readings are taken with a PAL color-bar signal input.
- : adjustment for repair.
- Voltage variations may be noted due to normal production tolerances.

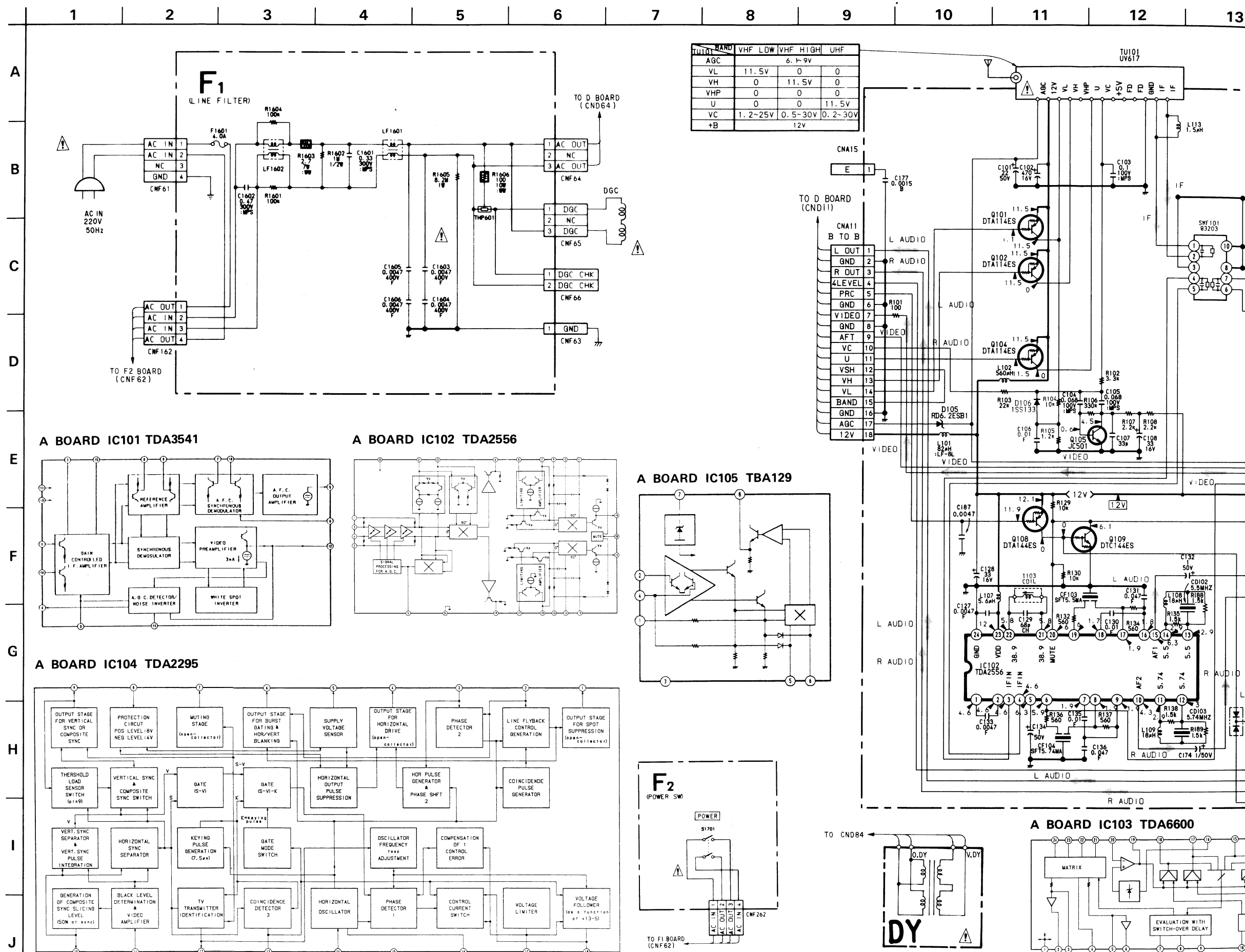
- —: B+line
- - - -: B-line
- : signal path.

## Reference information

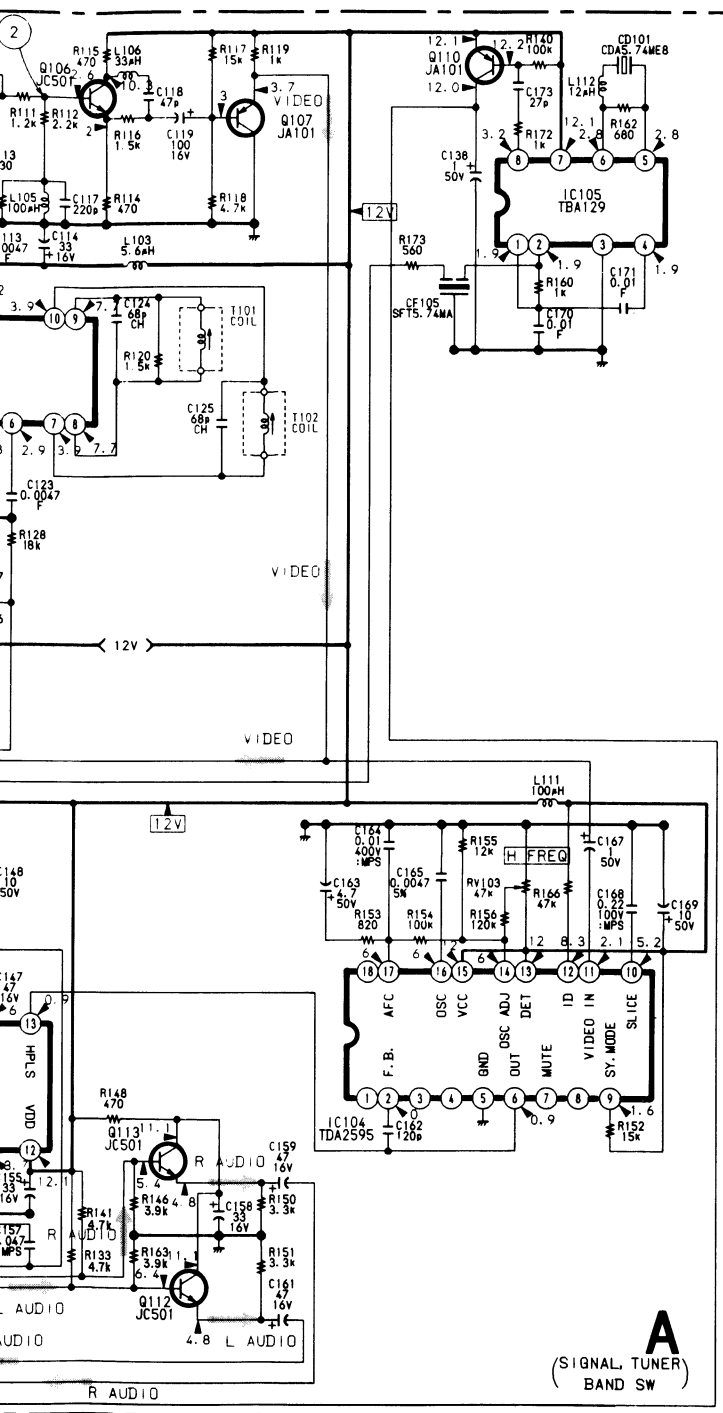
RESISTOR	: RN	METAL FILM
	: RC	SOLID
	: FPRD	NONFLAMMABLE CARBON
	: FUSE	NONFLAMMABLE FUSIBLE
	: RS	NONFLAMMABLE WIREWOUND
	: RB	NONFLAMMABLE CEMENT
COIL	: LF-8L	MICRO INDUCTOR
CAPACITOR	: TA	TANTALUM
	: PS	STYROL
	: PP	POLYPROPYLENE
	: PT	MYLAR
	: MPS	METALIZED POLYESTER
	: MPP	METALIZED POLYPROPYLENE
	: ABL	BIPOLAR
	: ALT	HIGH TEMPERATURE
	: ALR	HIGH RIPPLE

Note: The components identified by shading and mark are critical for safety. Replace only with part number specified.

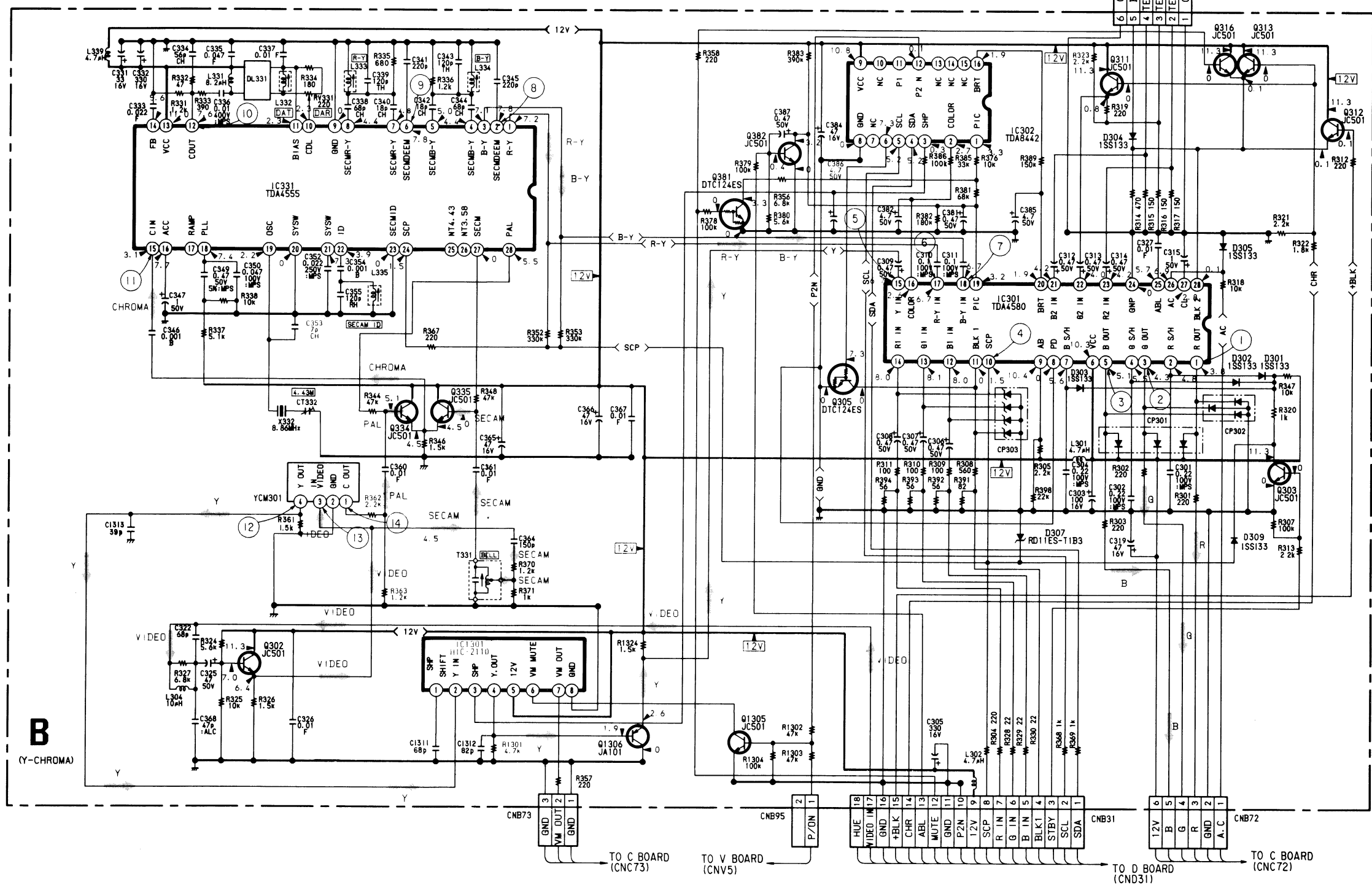
## 5-3. SCHEMATIC DIAGRAM (1)







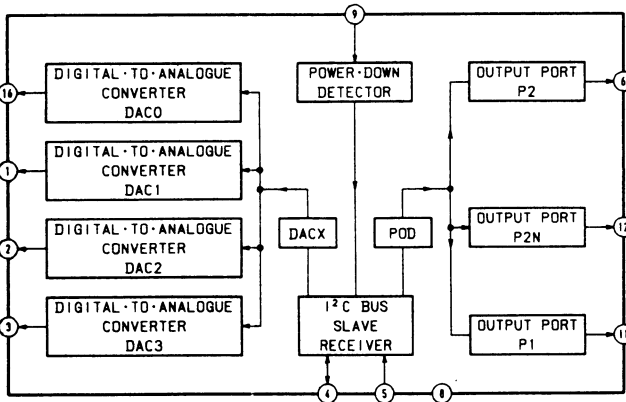
VIF	108	DTA144ES	PRC SW
SIF	109	DTC144ES	PRC SW
SIF FM ID	110	JA101	SYSTEM SW
SYNC SEP	111	DTC144ES	MONO SW
SIF	112	JC501	AF BUFF L
	113	JC501	AF BUFF R
BAND-L			
BAND-H	D 105	RD6.2ESB1	SEARCH AGC
BAND U	106	1SS133	VC STOP
VC FILTER	108	MC912	SYSTEM SW
BUFF AMP			
BUFF AMP			



IC 301	TDA4580	RGB INTERFACE	312	JC501	BLK SW-2	D 301	1SS133	ST BY MUTE-1
302	TDA8442	D/A CONVERTOR	313	JC501	CHR MIX	302	1SS133	ST BY MUTE-2
331	TDA4555	CHROMA DECODER	316	JC501	PIC MUTE	303	1SS133	ST BY MUTE-3
1301	CONTROL MODULE	PICTURE	334	JC501	CHROMA OUT-1	304	1SS133	BLK SW
			335	JC501	CHROMA OUT-2	305	1SS133	ADD
Q 302	JC501	VIDEO BUFF	381	DTC124ES	MUTE	307	RD11ES-B3	ADD
303	JC501	ST BY SW	382	JC501	ABL MUTE	309	1SS133	ST BY MUTE
305	DTC124ES	BLK SW-1	1305	JC501	VM MUTE			
311	JC501	CHR OUT	1306	JA101	Y BUFF			

A

B BOARD IC302 TDA8442



B

C

D

E

F

G

H

I

J

K

L

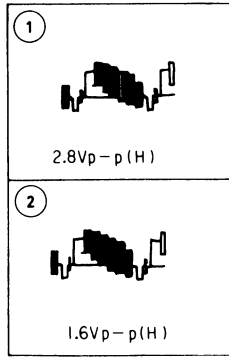
M

N

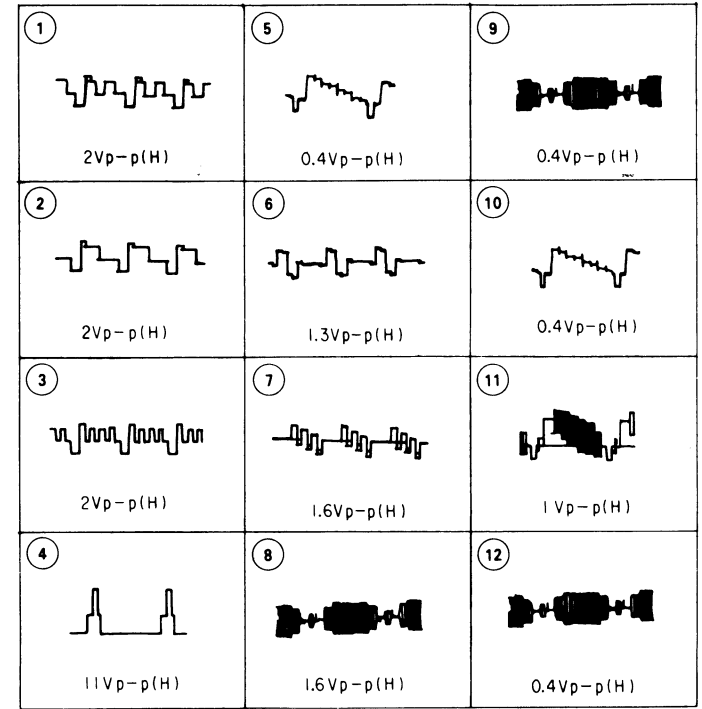
O

P

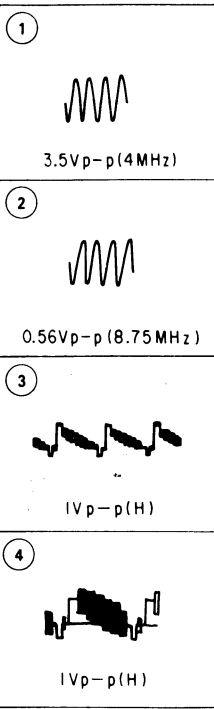
• A BOARD WAVEFORM



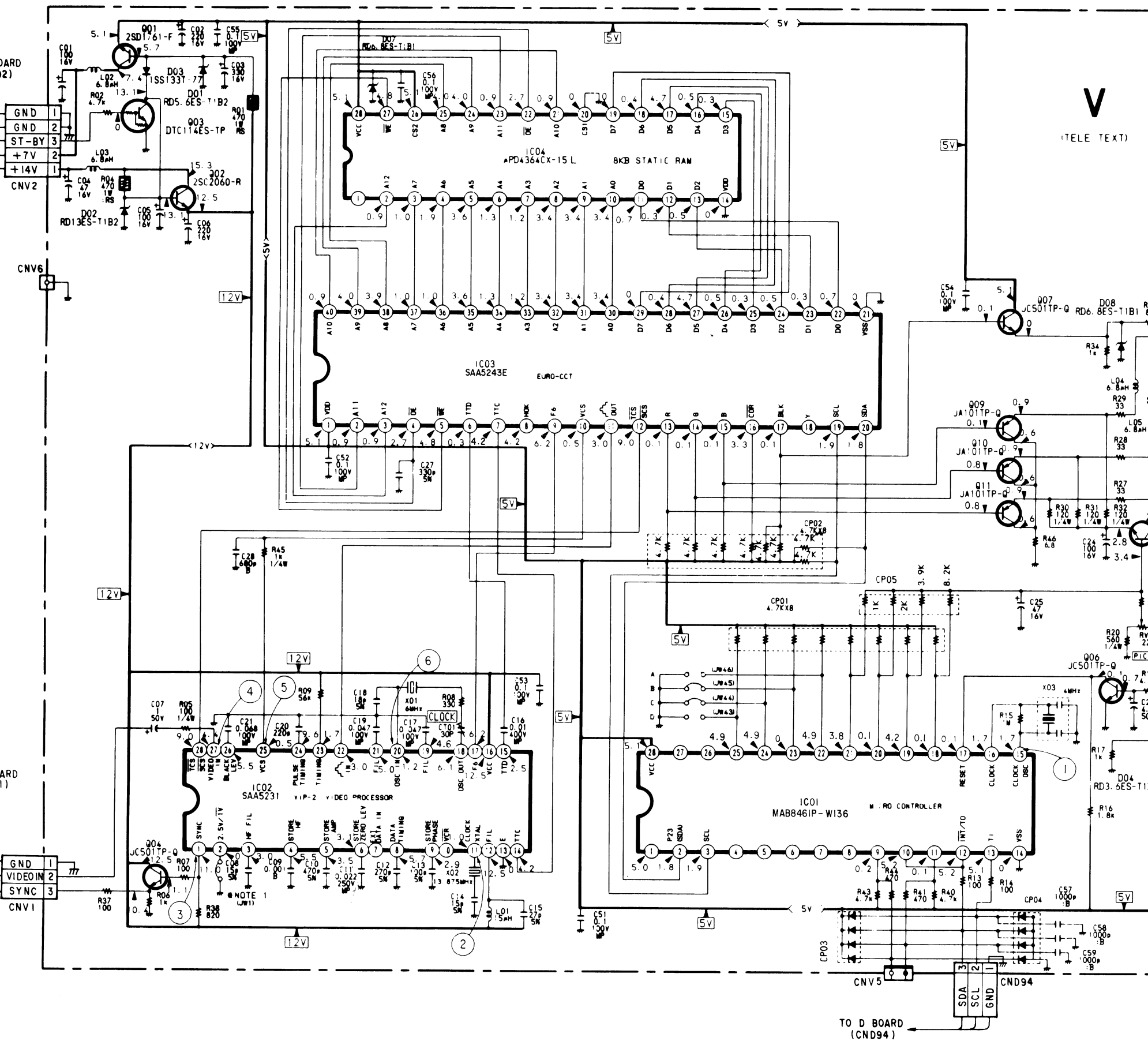
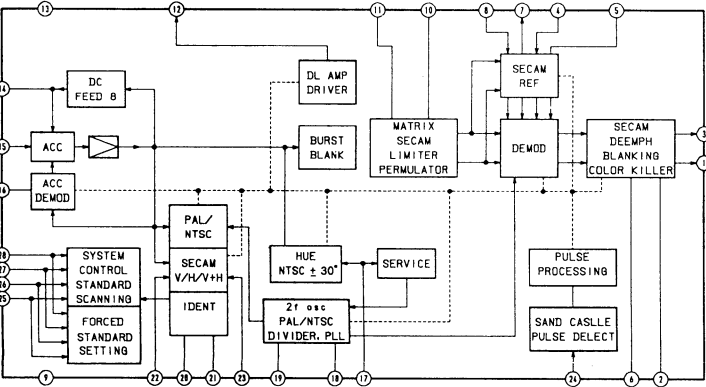
• B BOARD WAVEFORM



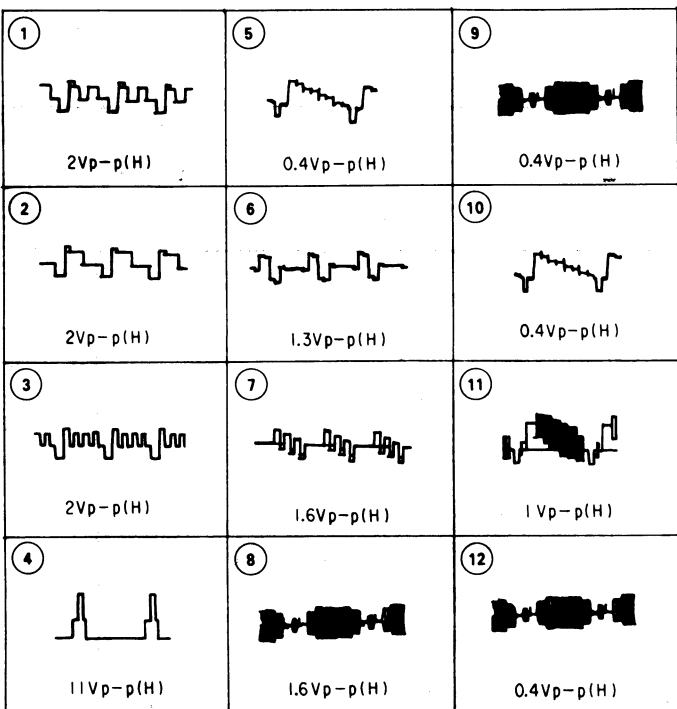
• V BOARD WAVEFORM



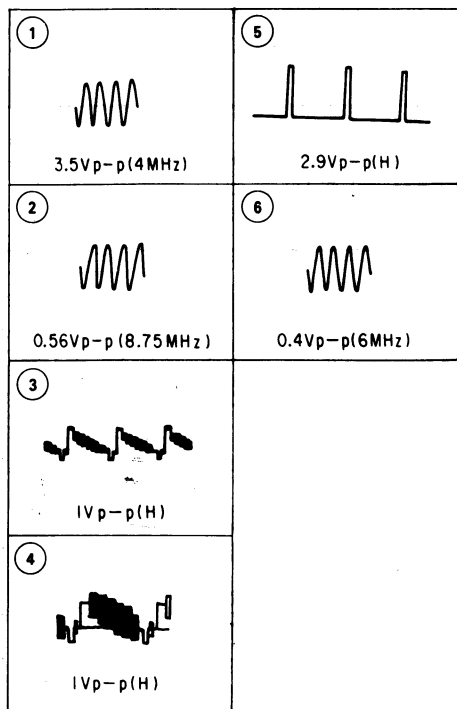
B BOARD IC331 TDA4555



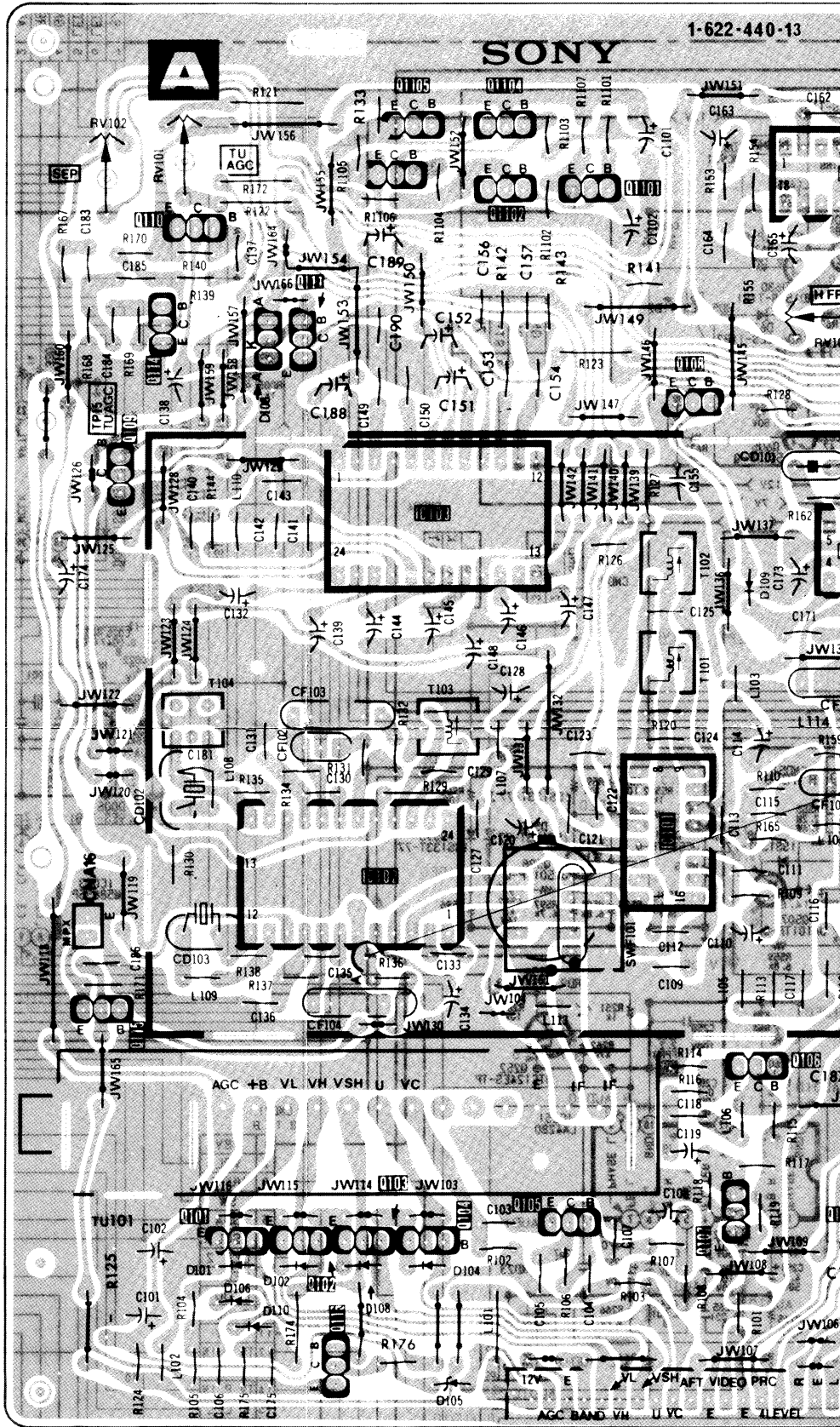
• B BOARD WAVEFORM



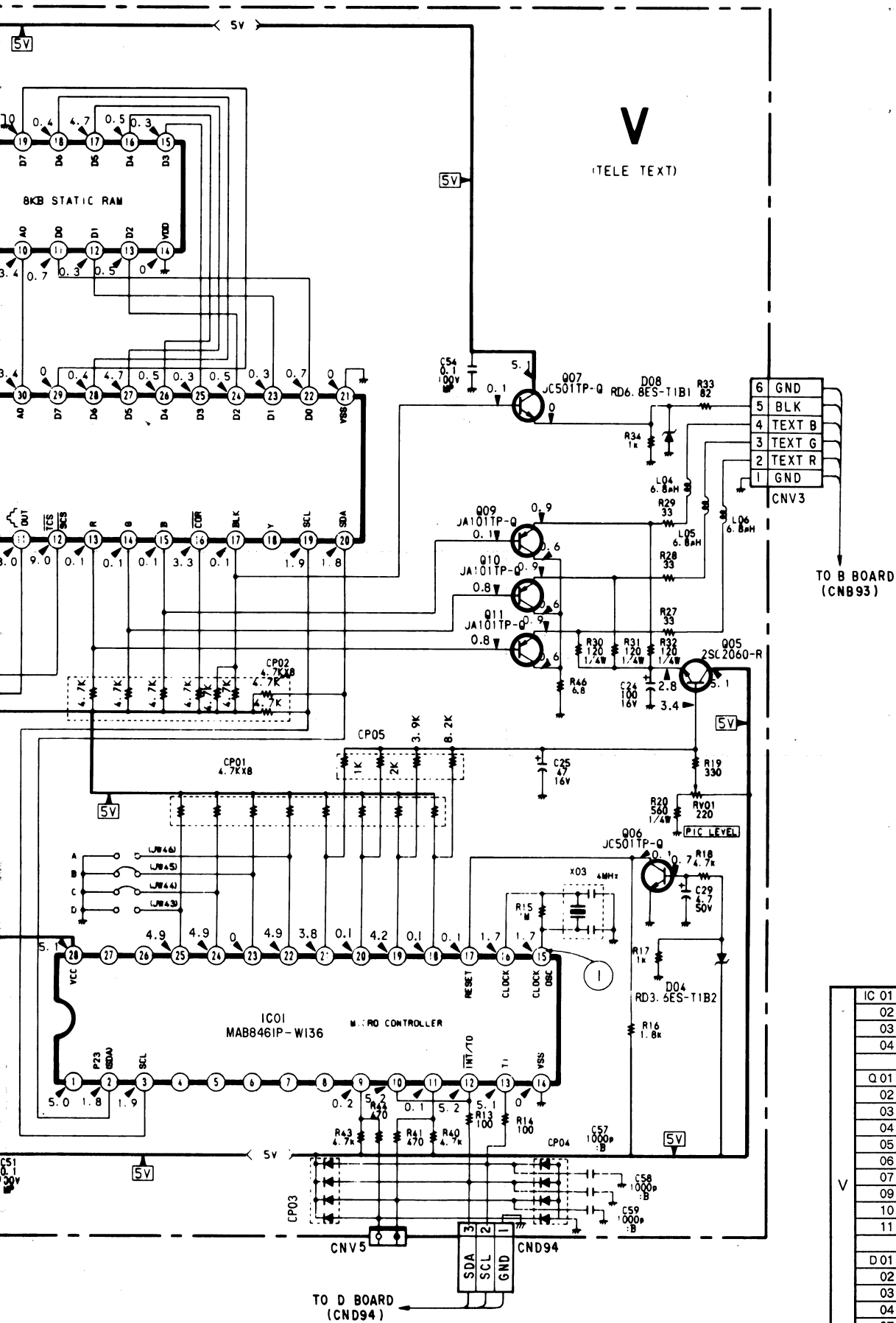
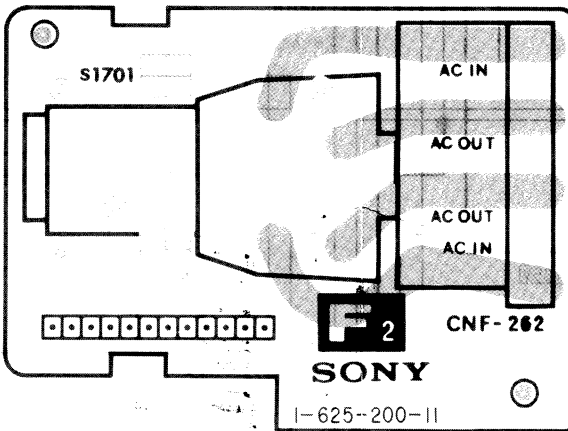
• V BOARD WAVEFORM



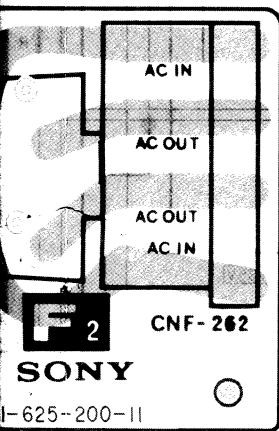
-A Board-



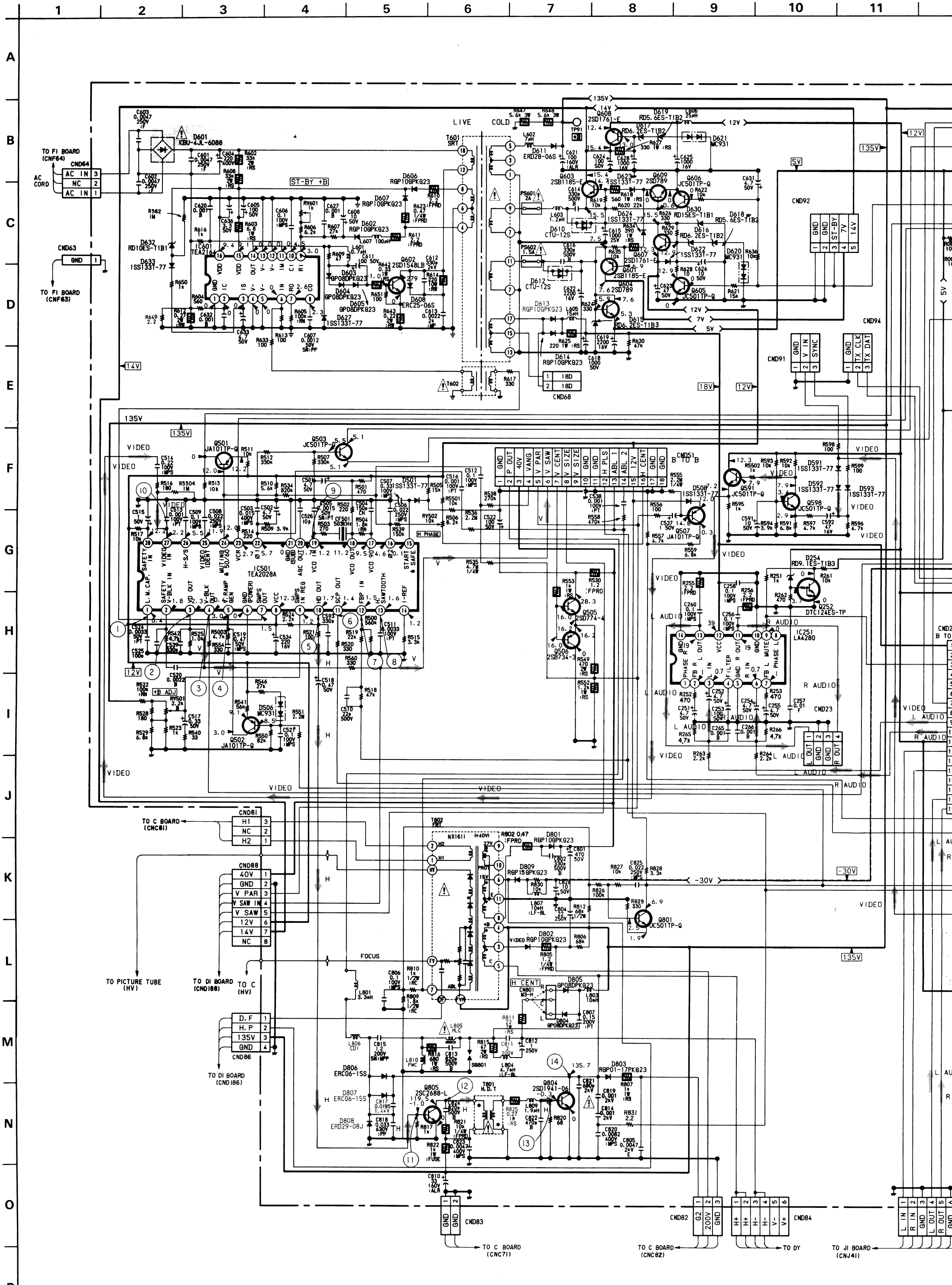
-F2 Board-

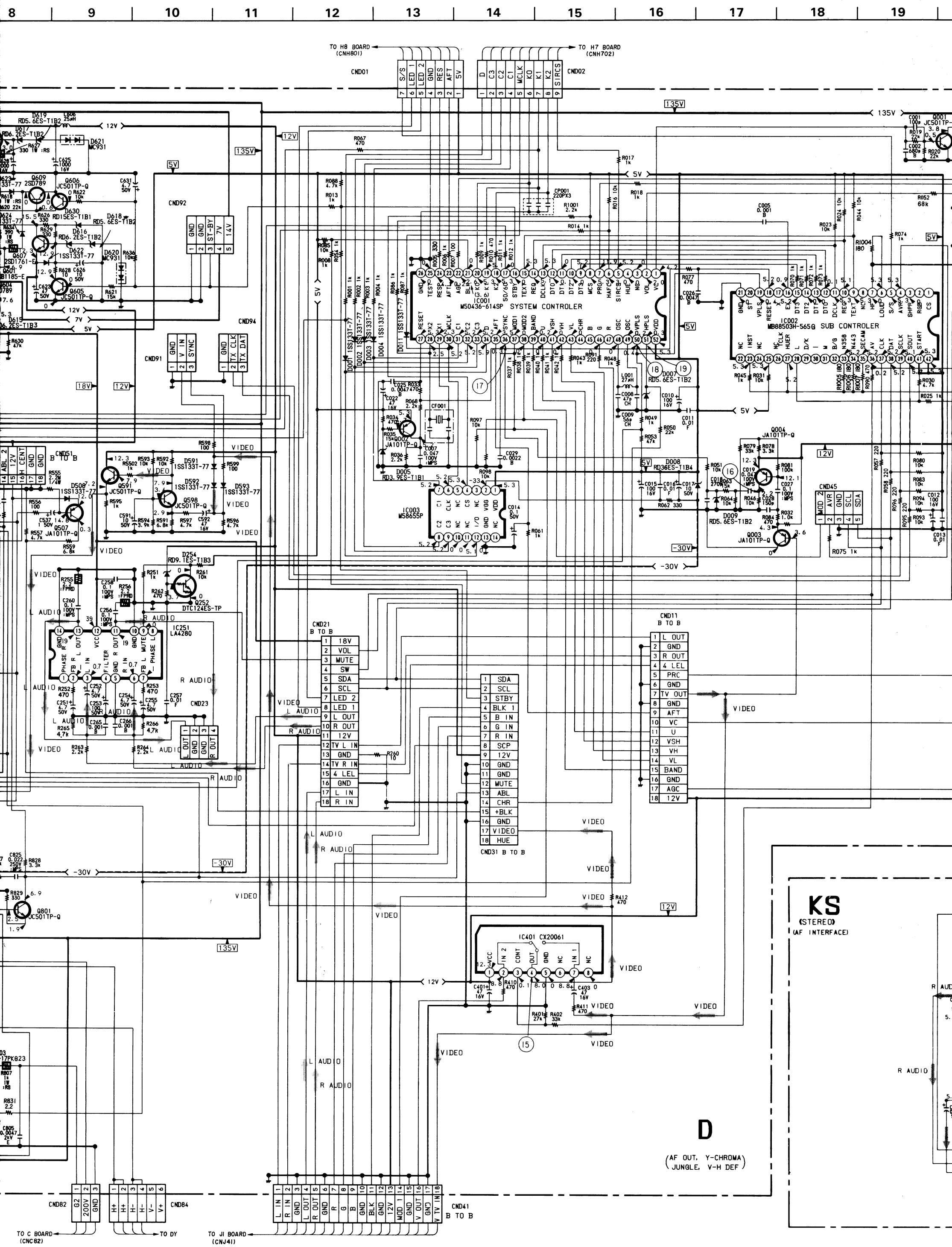


IC 01	MAB8461P-W136	MICRO CTL
02	SAA5231	VIDEO PROCESSOR
03	SAA5243E	EURO CCT
04	μPD4364CX-15L	8KB STATIC RAM
Q 01	2SD1761-F	5V REG
02	2SC2060-R	12V REG
03	DTC114ES	ST BY
04	JC501	SYNC BUFF
05	2SC2060-R	PIC LEVEL
06	JC501TP	RESET
07	JC501TP	BLK OUT
09	JA101TP	B OUT
10	JA101TP	G OUT
11	JA101TP	R OUT
D 01	RD5.6ES-B2	5V REG
02	RD13ES-B2	12V REG
03	1SS133	ST BY
04	RD3.6ES-B2	RESET
07	RD6.8ES-B1	PROTECT-1
08	RD6.8ES-B1	PROTECT-2



SCHEMATIC DIAGRAM

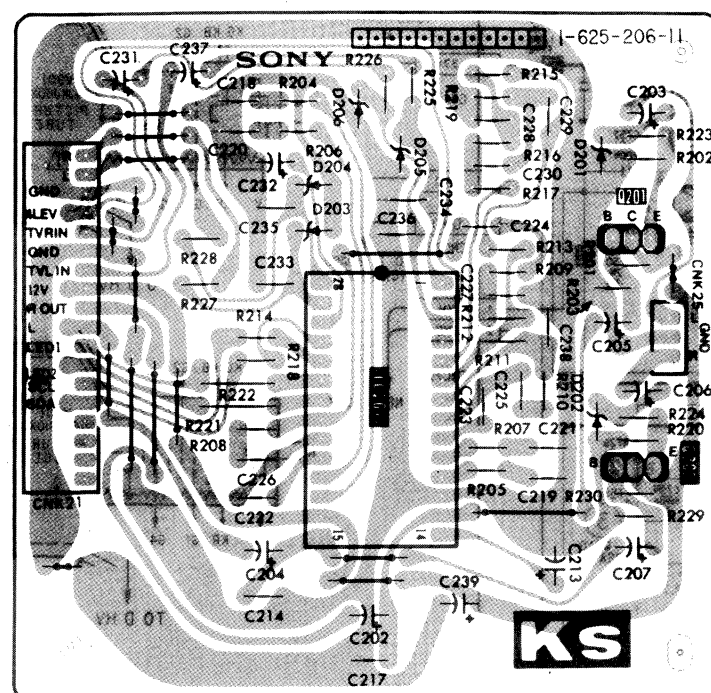




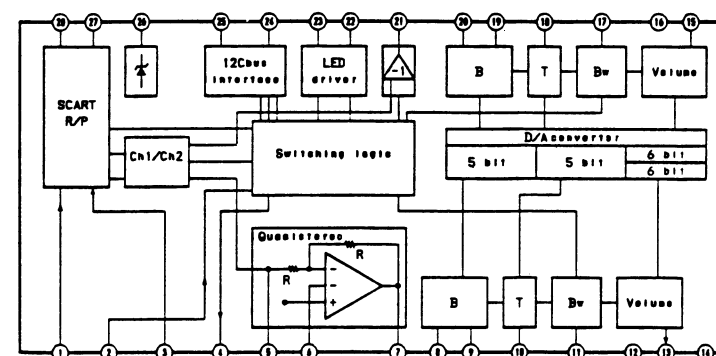
KS	IC 201	TDA6200	AF INTERFACE
	D 205	RD7.5ESB3	PROTECT
	206	RD7.5ESB3	PROTECT

## PRINTED WIRING BOARDS (2)

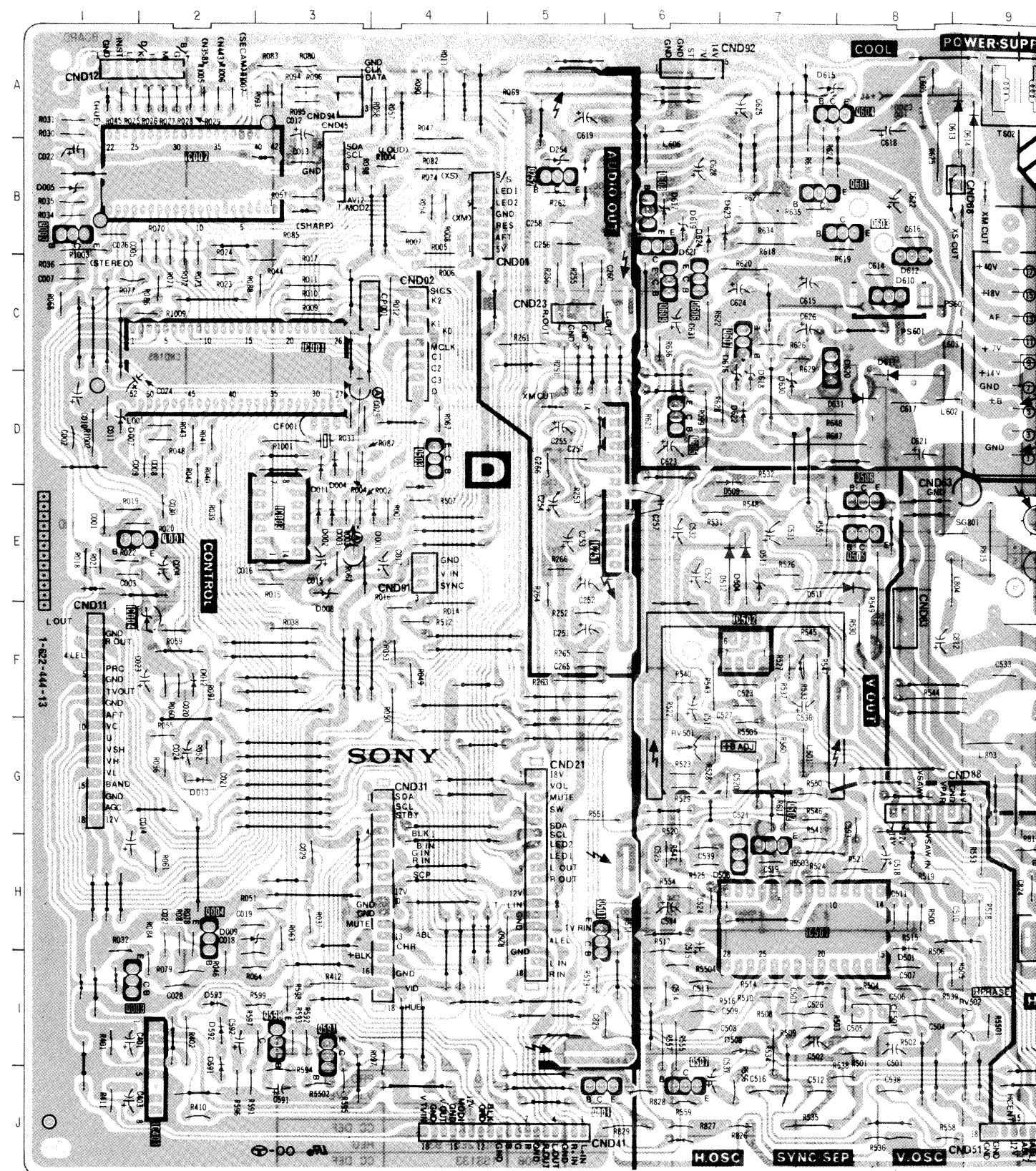
—KS Board—



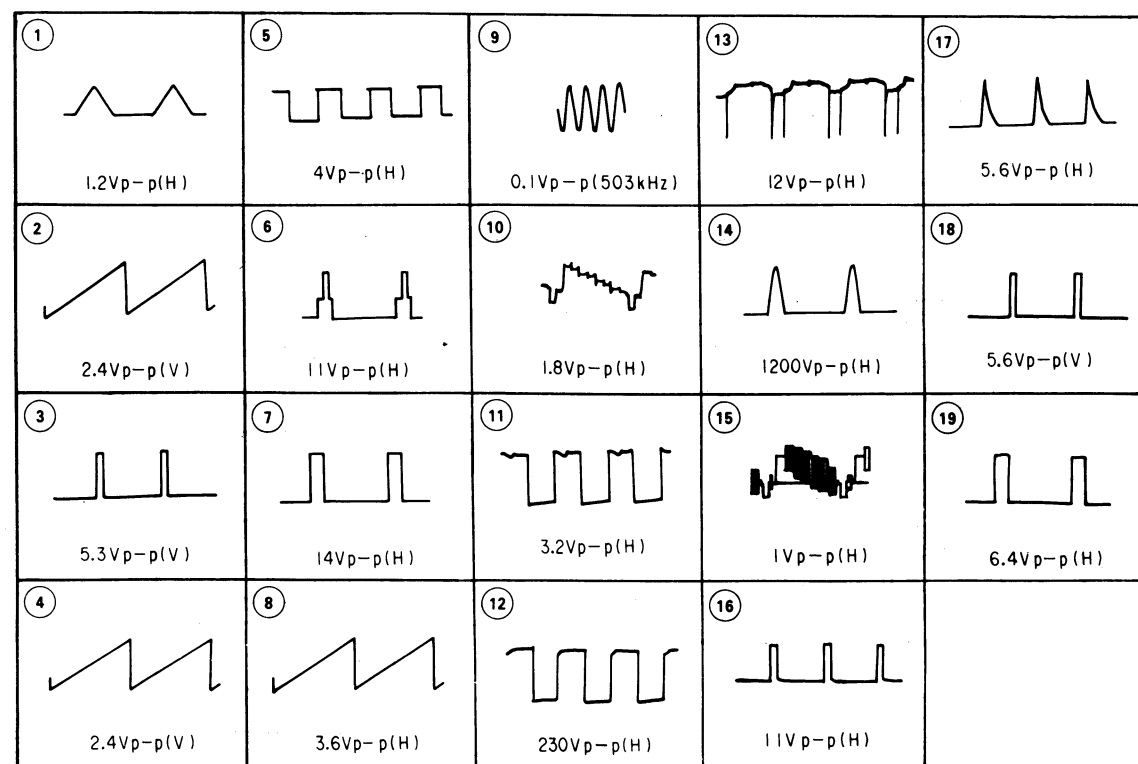
KS BOARD IC201 TDA6200

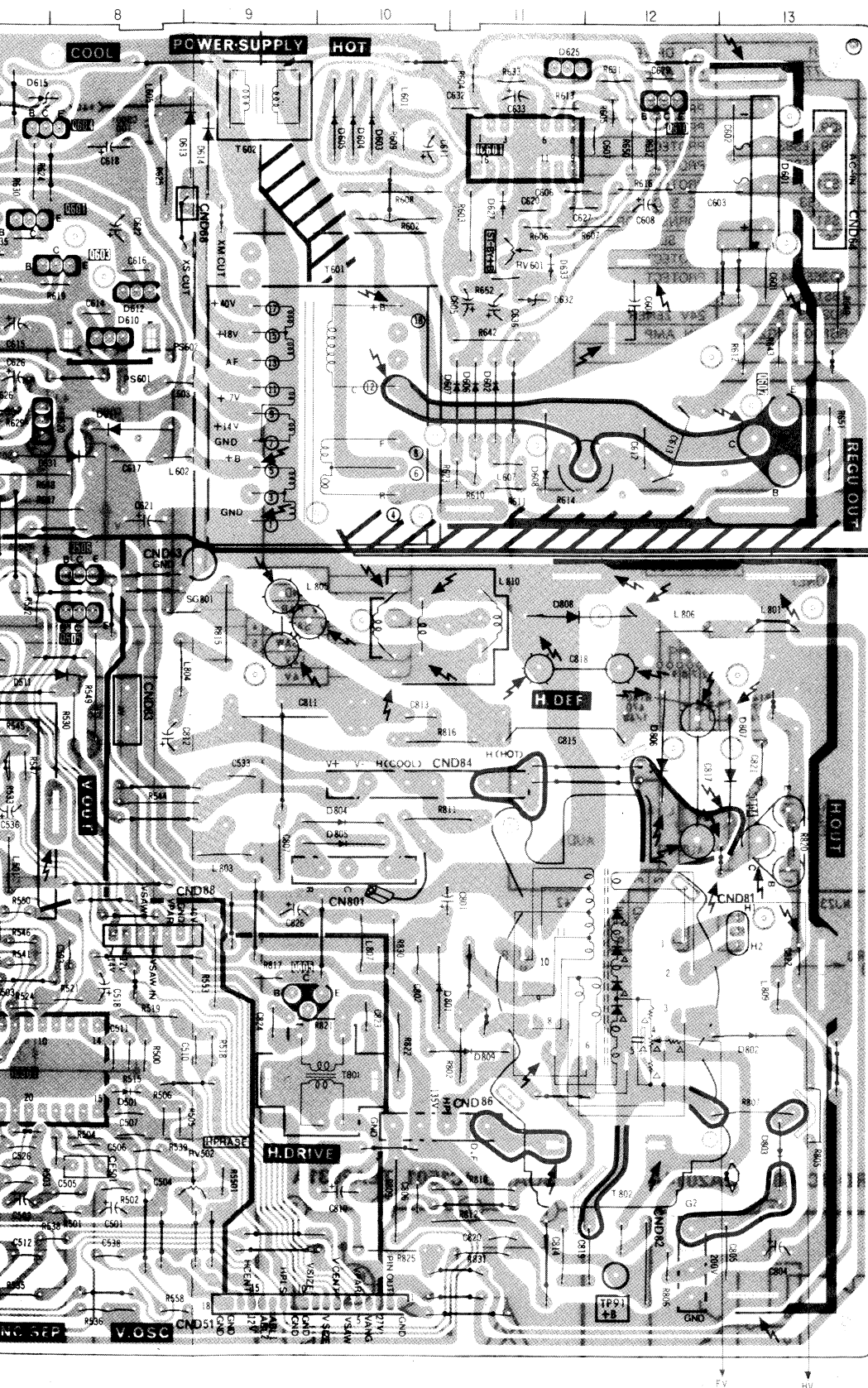


**— D Board —**

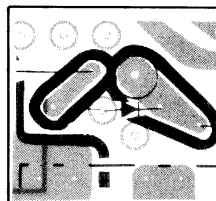


- **D BOARD WAVEFORM**

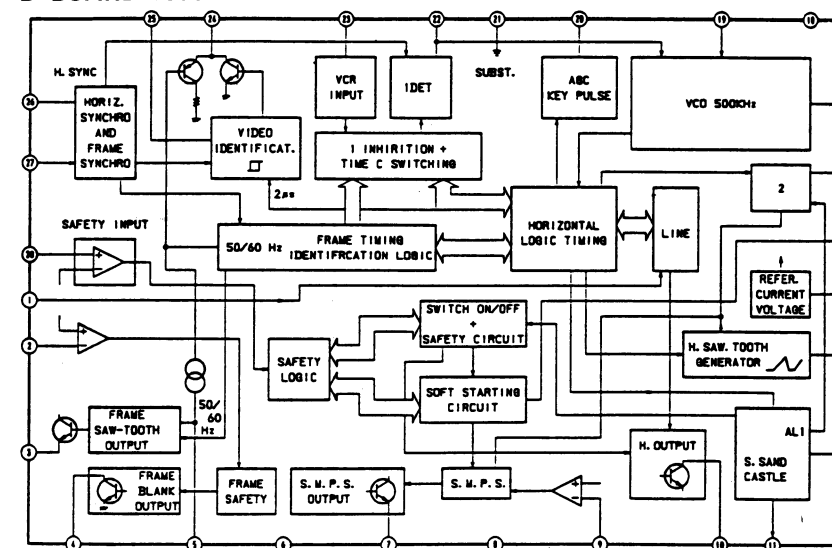
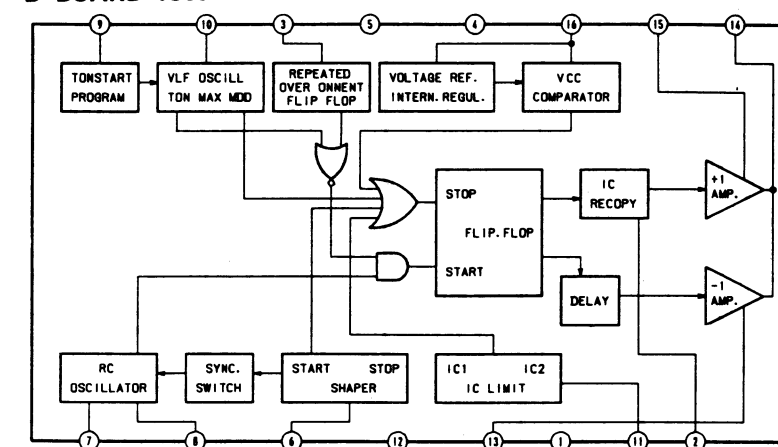
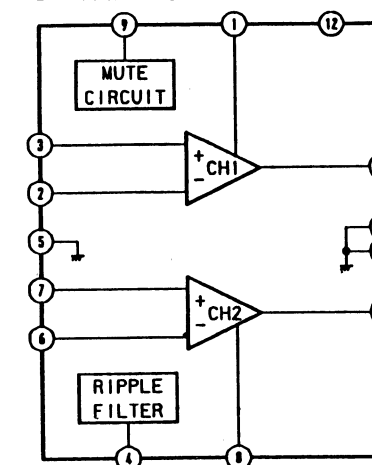




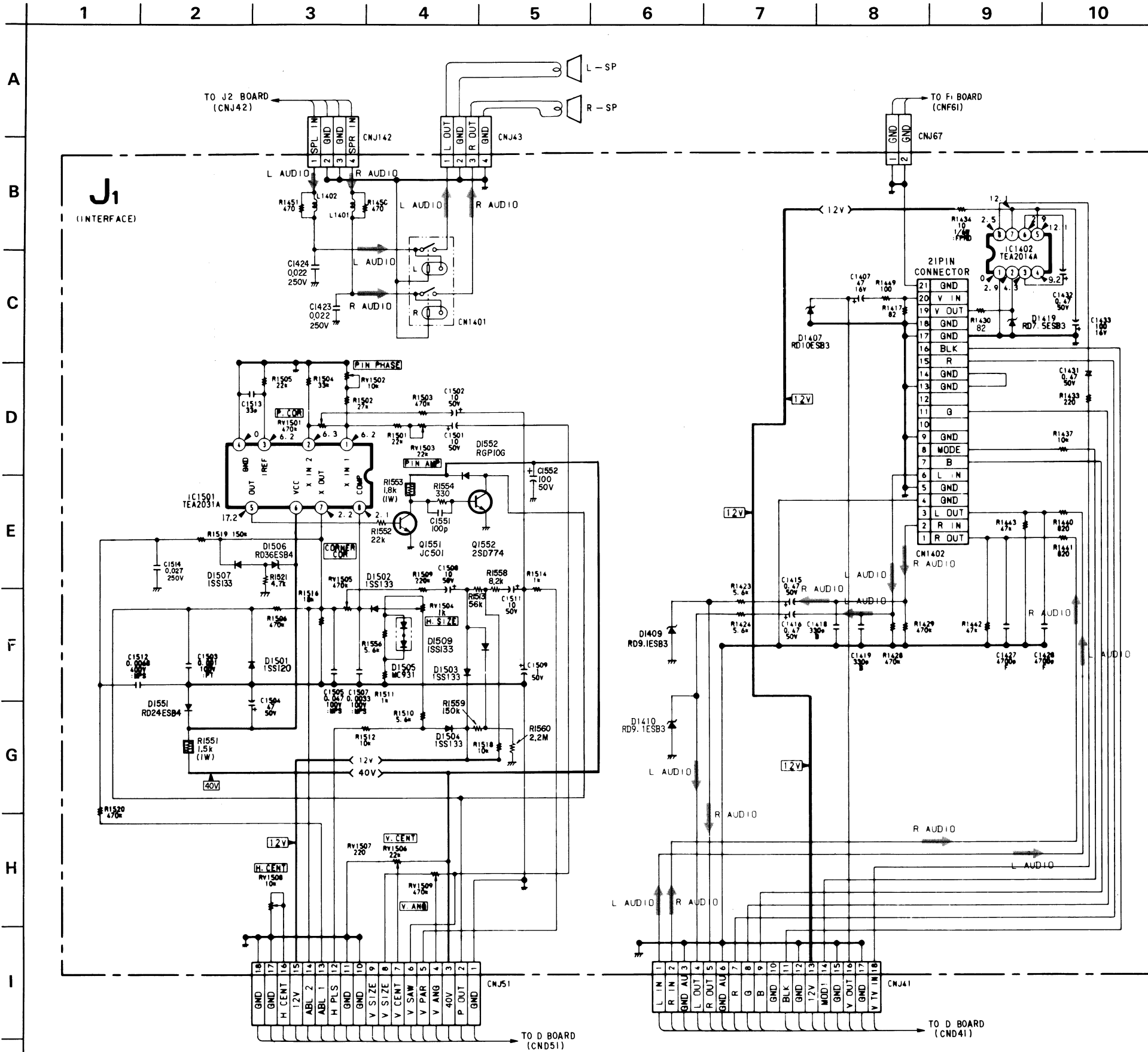
IC		
IC001	C-3	D509 D-7
IC002	B-2	D511 E-8
IC003	E-3	D512 E-7
IC004	F-2	D513 E-7
IC251	E-6	D591 I-2
		D592 I-2
IC401	J-2	D593 I-2
IC501	H-7	D601 B-13
IC502	F-7	D602 C-11
IC601	A-11	D603 A-10
TRANSISTOR		
Q001	E-1	D604 A-10
Q002	B-1	D605 A-10
Q003	I-1	D606 C-11
Q004	H-2	D607 C-11
Q252	B-5	D608 D-11
Q501	H-5	D610 C-8
Q502	H-7	D611 D-8
Q503	D-4	D612 C-8
Q505	E-8	D613 A-9
Q506	E-8	D614 A-9
Q507	J-6	D615 A-7
Q591	I-3	D616 D-7
Q598	I-3	D617 B-6
Q601	B-7	D618 D-7
Q602	D-13	D619 B-6
Q603	B-8	D620 C-7
Q604	A-8	D621 B-6
Q605	D-6	D622 D-7
Q606	C-6	D623 B-7
Q607	C-7	D624 B-6
Q608	B-6	D627 B-11
Q609	C-6	D630 D-7
Q801	J-5	D632 C-11
Q804	G-13	D633 B-11
Q805	H-9	D801 H-10
		D802 H-13
		D803 I-13
		D804 F-10
		D805 G-10
		D806 F-12
		D808 E-11
		D809 H-11
DIODE		
D001	E-3	VARIABLE RESISTOR
D002	E-3	
D003	E-3	
D004	D-3	
D005	B-1	
D007	D-1	RV501 G-6
D008	E-3	RV502 I-9
D009	H-2	RV601 B-11
D011	D-3	
D013	G-2	
D254	B-5	
D501	H-8	
D504	E-7	
D506	H-7	
D508	I-7	

**NOTE:**

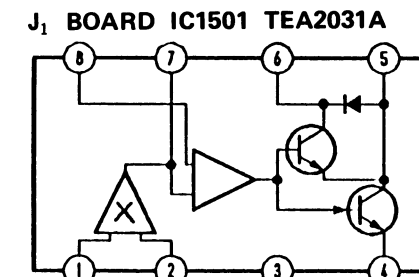
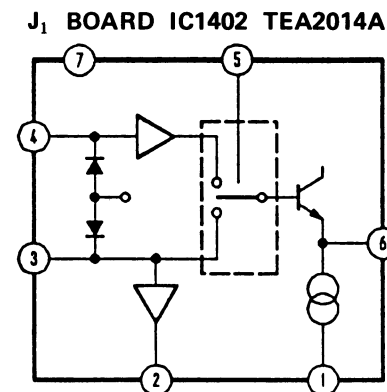
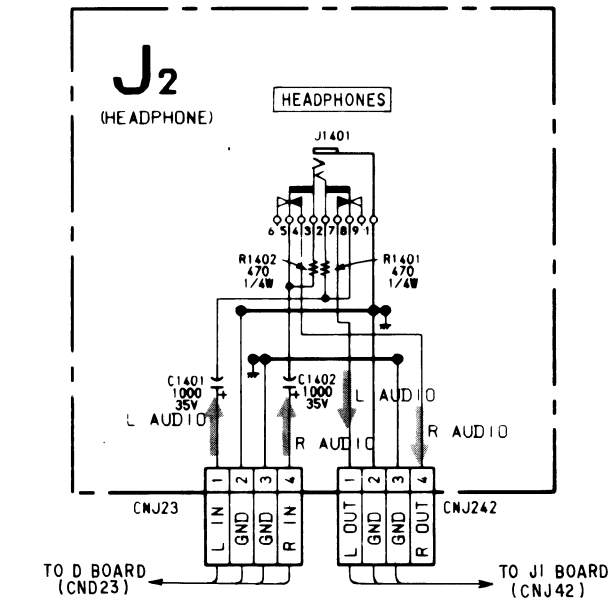
The circuit indicated as left contains high voltage of over 600 Vp-p. Care must be paid to prevent an electric shock in inspection or repairing.

**D BOARD IC501 TEA2028A****D BOARD IC601 TEA2164****D BOARD IC251 LA4280**

**SCHEMATIC DIAGRAM (3)**

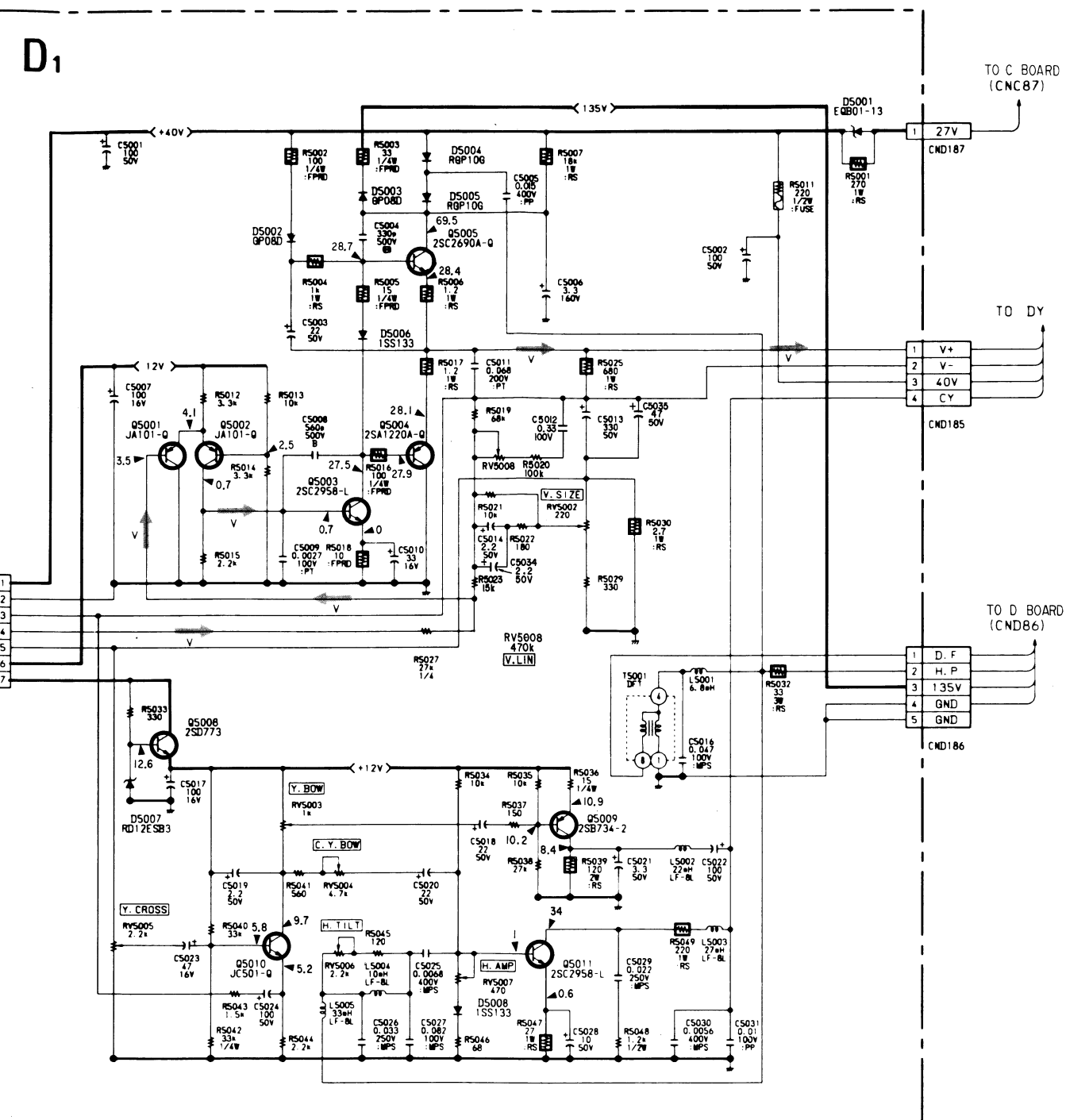


J1	IC1402	TEA2014A	VIDEO AMP
	1501	TEA2031A	PIN AMP
	Q1551	JC501	PIN DRIVE
	1552	2SD774	PIN AMP
	D1407	RD10ESB3	PROTECT
	1409	RD9.1ESB3	PROTECT
	1410	RD9.1ESB3	PROTECT
	1419	RD7.5ESB3	PROTECT
	1501	1SS120	PROTECT
	1502	1SS133	DC STOP
	1503	1SS133	CORNER CORRECT
	1504	1SS133	H.P SLICER
	1505	MC931	PROTECT
	1506	RD36ESB4	PROTECT
	1507	1SS133	PROTECT
	1551	RD24ES – B4	24V ZENER
	1552	RGP10GPKG23	PIN AMP

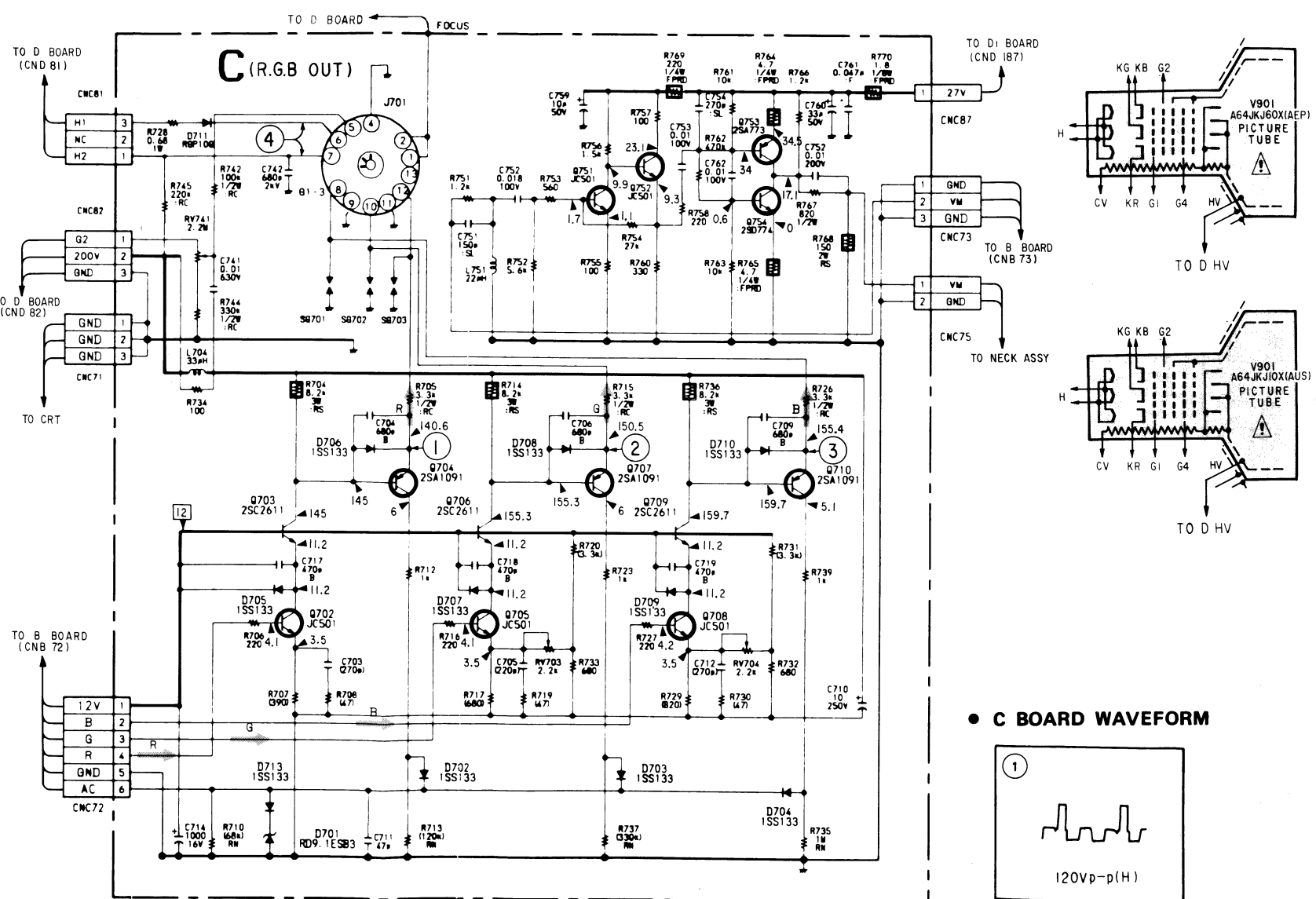


D1	Q5001	
	5002	
	5003	
	5004	
	5005	
	5008	
	5009	
	5010	
	5011	

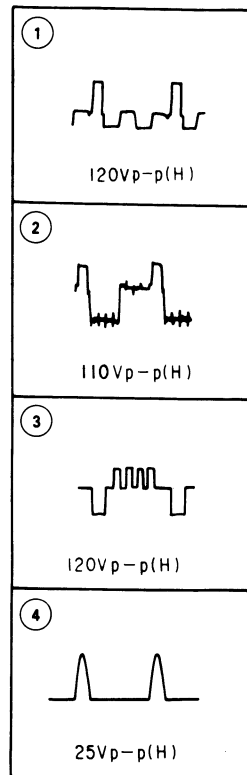
**D<sub>1</sub>**



D1	Q5001	JA101	V.AMP	D5001	EQB01 – 13	13V ZENER
	5002	JA101	V.PREAMP	5002	GP08DPKG23	CC STOP
	5003	25C2958	V.DRIVE	5003	GP08DPKG23	PROTECT
	5004	25A1220	V.OUT	5004	RG10GPKG23	V.DRIVE
	5005	25C2690	V.OUT	5005	RG10GPKG23	V.DRIVE
	5008	25D773	REG	5006	1SS133	CC DEF
	5009	25B734	Y.BOW	5007	RD12ES – B3	REG
	5010	JC501	Y.CROSS	5008	1SS133	CC DEF
	5011	25C2958	H.AMP			



- **C BOARD WAVEFORM**



C	Q 702	JC501	R AMP	D 701	RD10ES-B3	PROTECT-1
	703	2SC2611	R OUT	702	1SS133	AC MIX-1
	704	2SA1091	R AC AMP	703	1SS133	AC MIX-2
	705	JC501	G AMP	704	1SS133	AC MIX-3
	706	2SC2611	G OUT	705	1SS133	PROTECT-2
	707	2SA1091	G AC AMP	706	1SS133	PROTECT-3
	708	JC501	B AMP	707	1SS133	PROTECT-4
	709	2SC2611	B OUT	708	1SS133	PROTECT-5
	710	2SA1091	B AC AMP	709	1SS133	PROTECT-6
	751	JC501	VM AMP	710	1SS133	PROTECT-7
	752	JC501	VM AMP	711	RGP10G	PROTECT-8
	753	2SA773	VM OUT	713	1SS133	PROTECT
754	2SD774	VM OUT				

[INTERFACE]

J1

[R.G.B OUT]

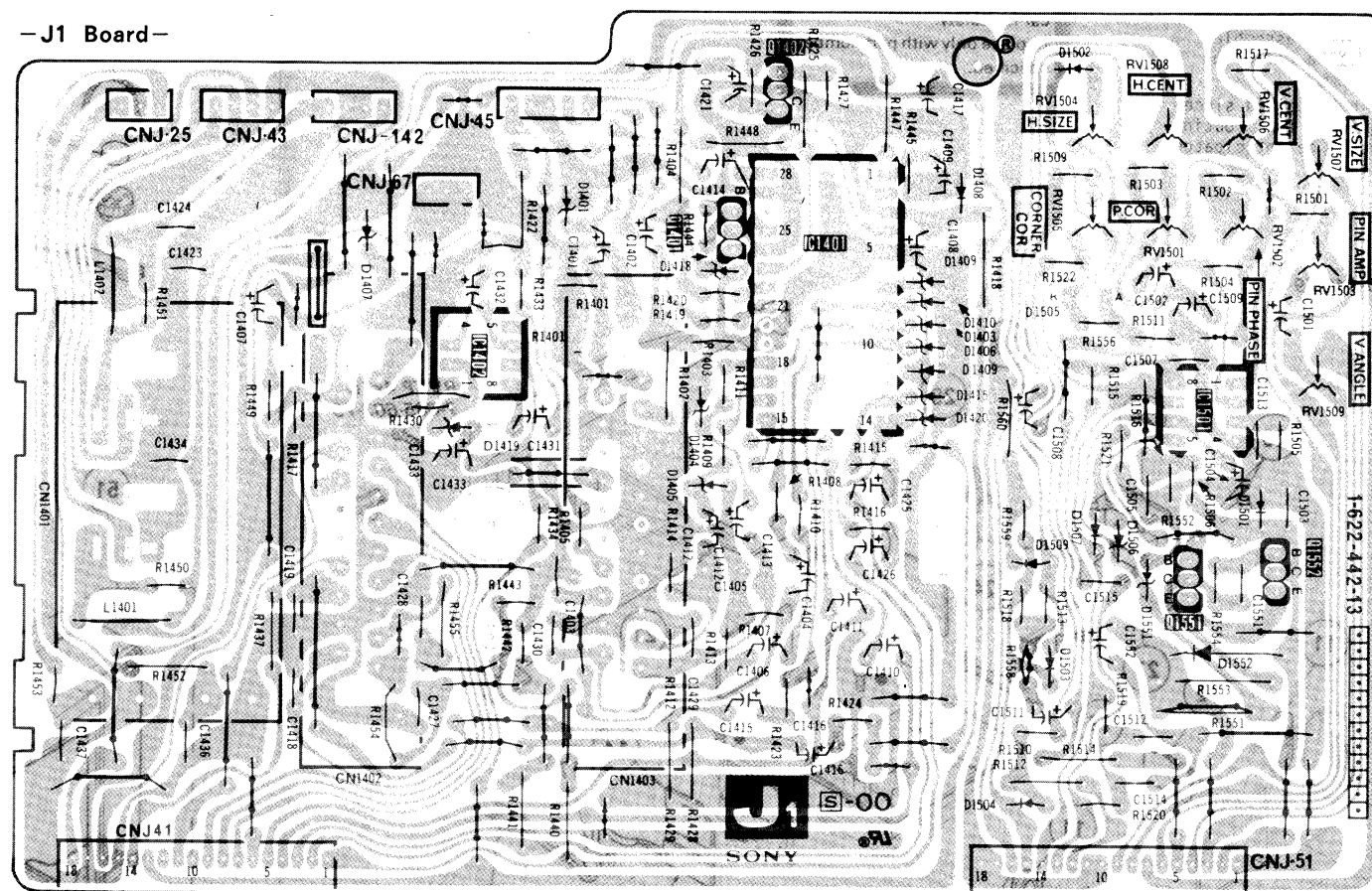
C

H7

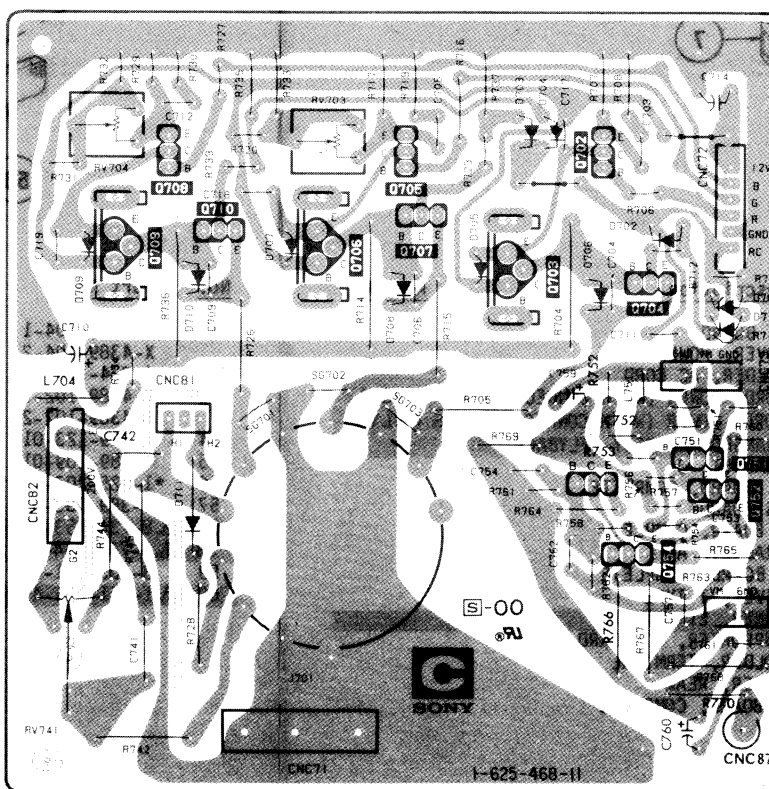
D1

## PRINTED WIRING BOARDS (3)

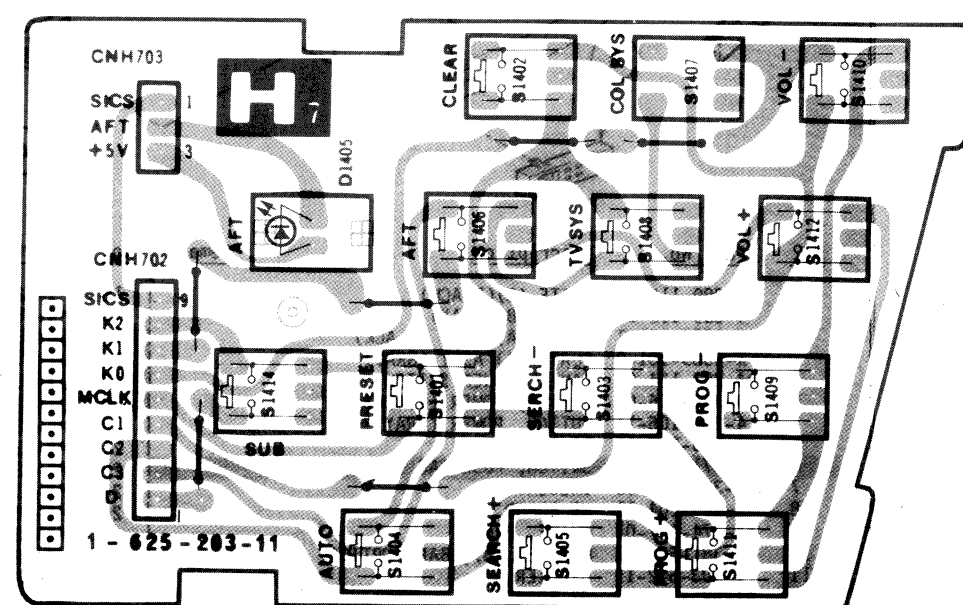
-J1 Board-



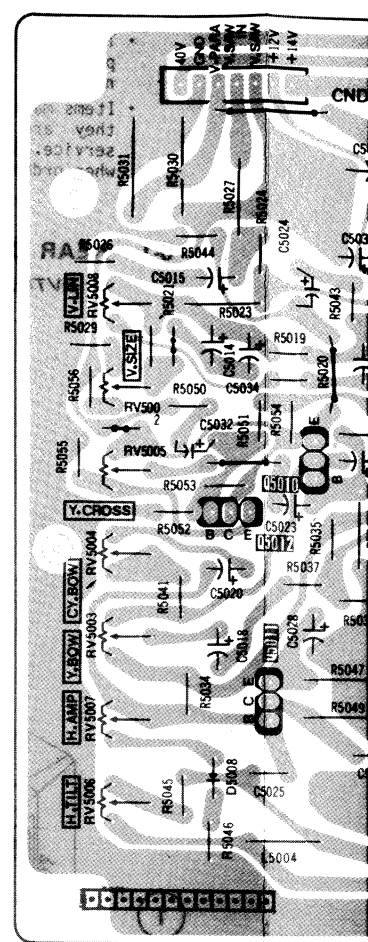
-C Board-



-H7 Board-



-D1 Board-



A

B

C

D

E

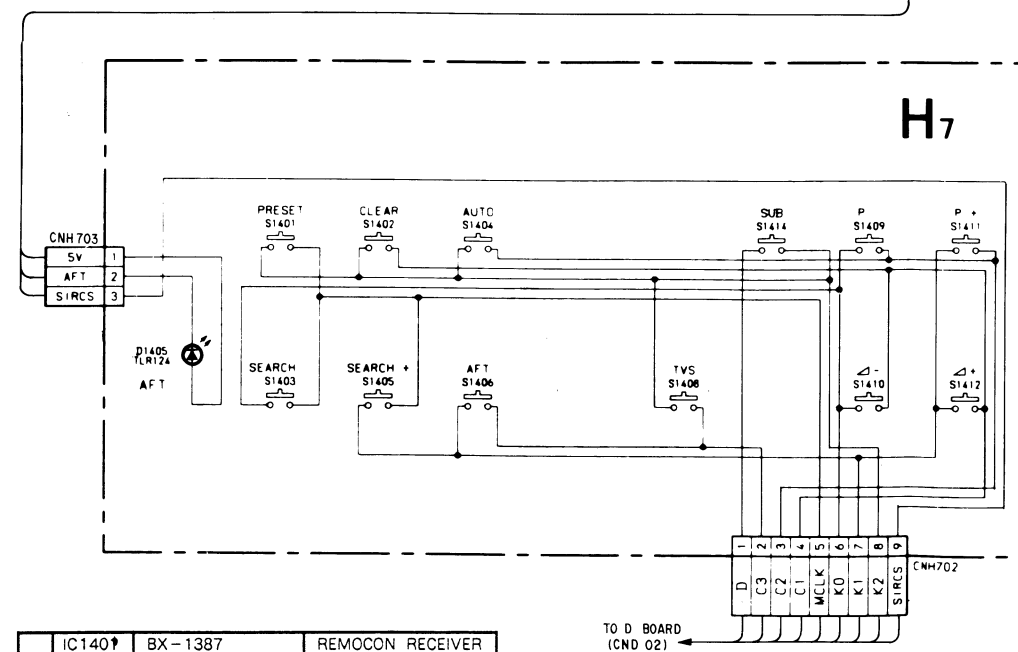
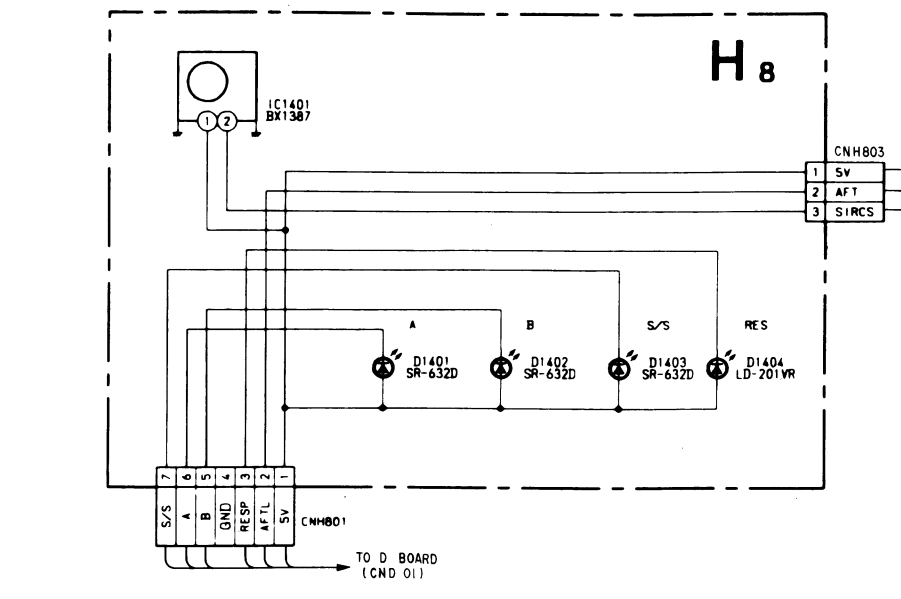
F

G

H

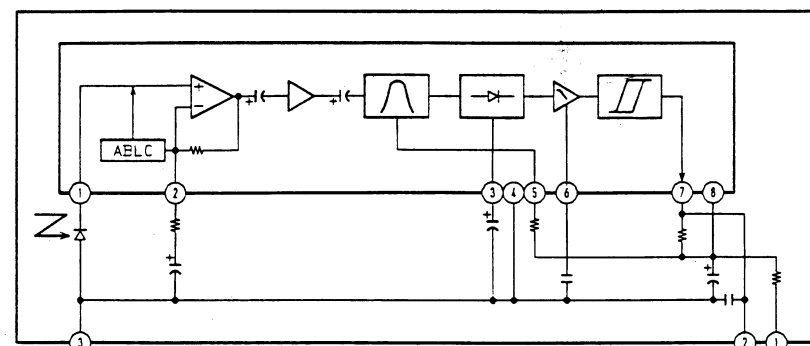
I

J



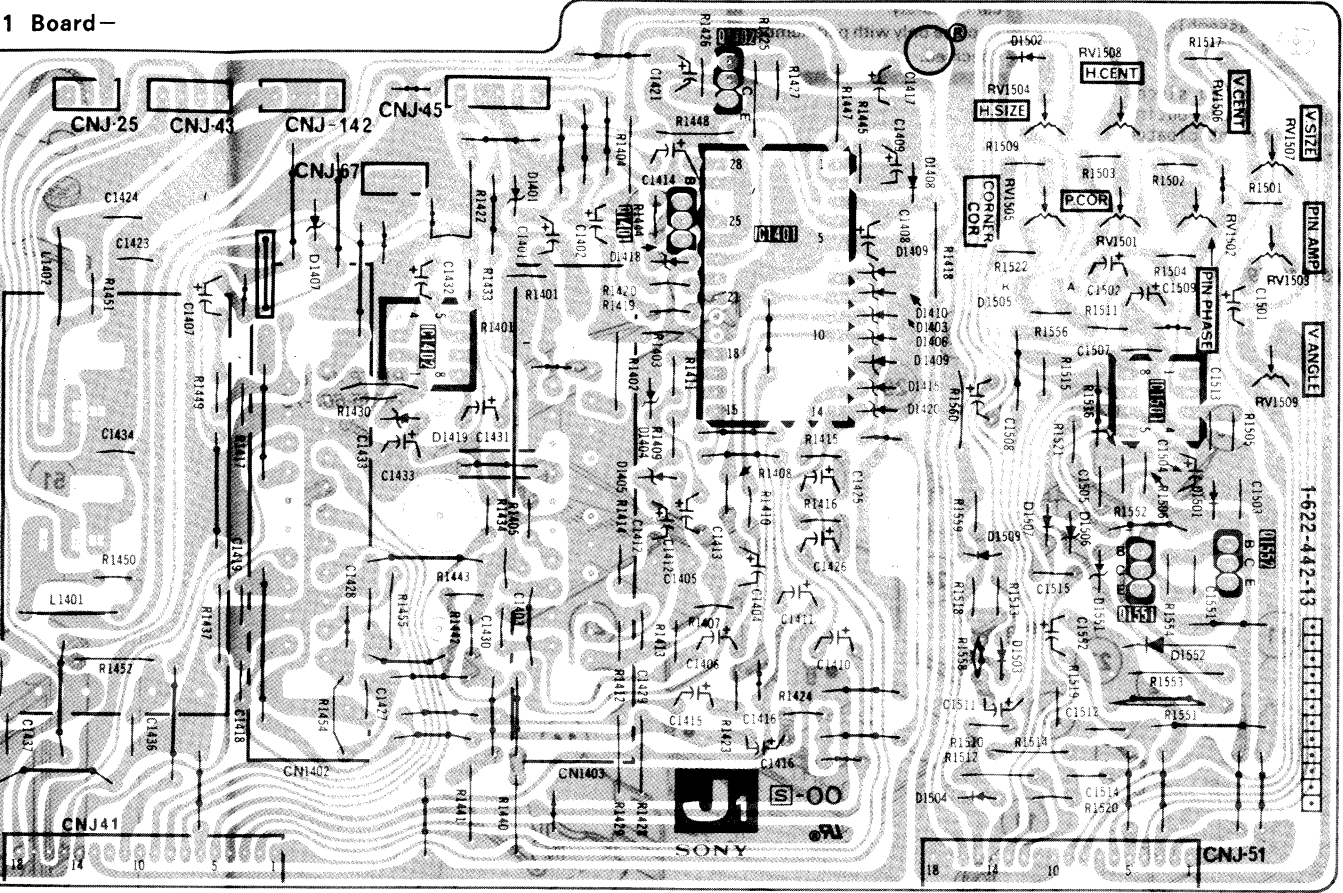
IC1401	BX-1387	REMOCON RECEIVER
D1401	SR-632D	A
1402	SR-632D	B
1403	SR-632D	SPACE SOUND
1404	SR-632D	RESP

H8 BOARD IC1401 BX1387

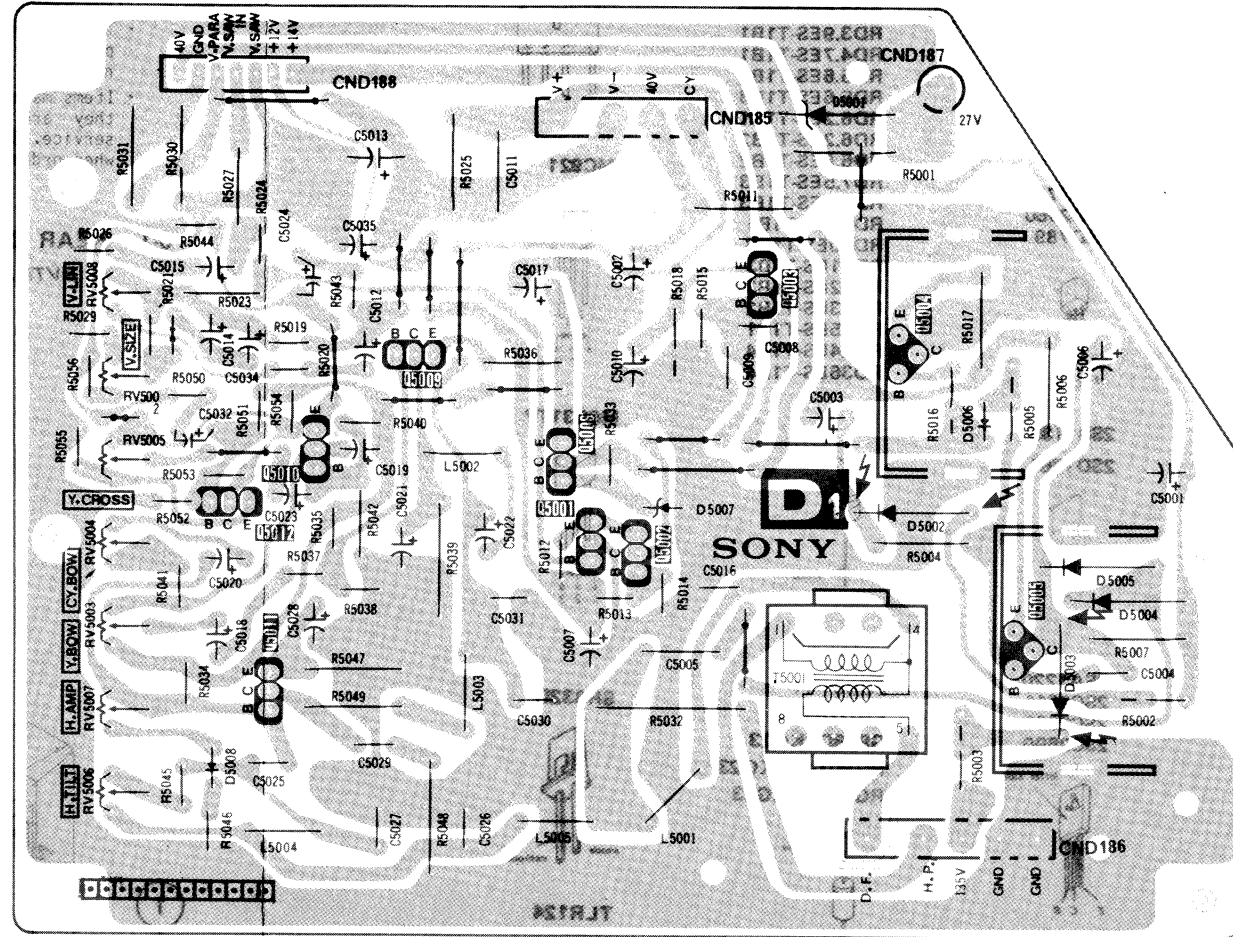


H7	D1405	TLR-124	AFT
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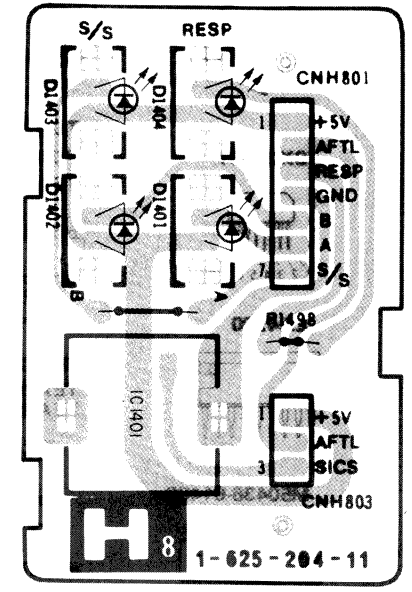
PRINTED WIRING BOARDS (3)



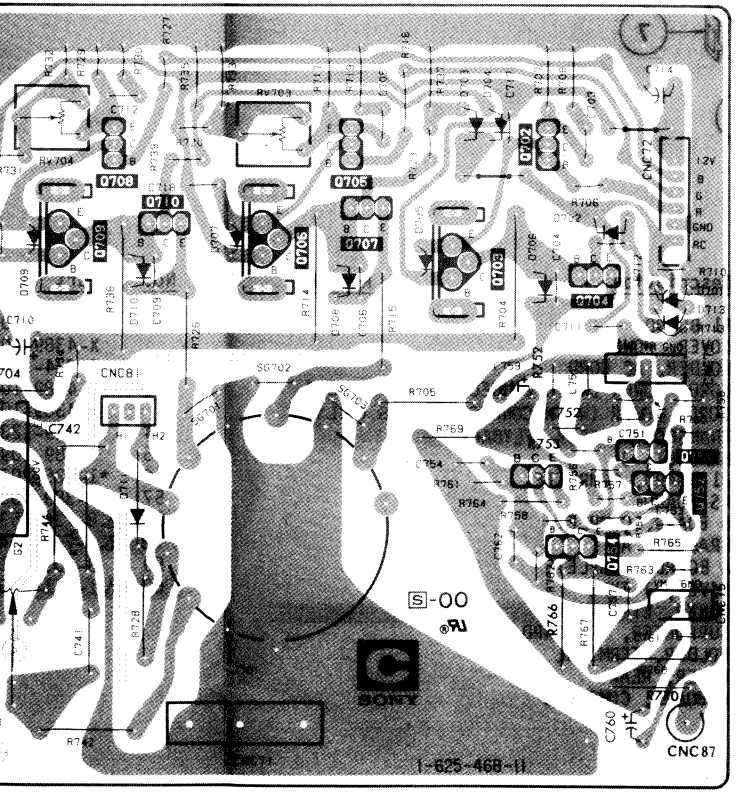
-D1 Board-



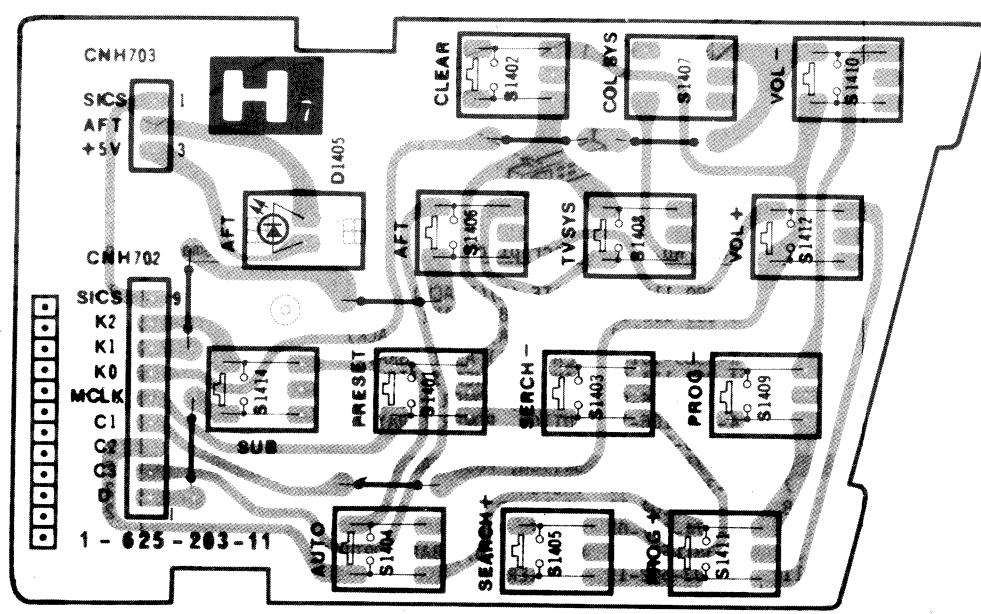
-H8 Board-



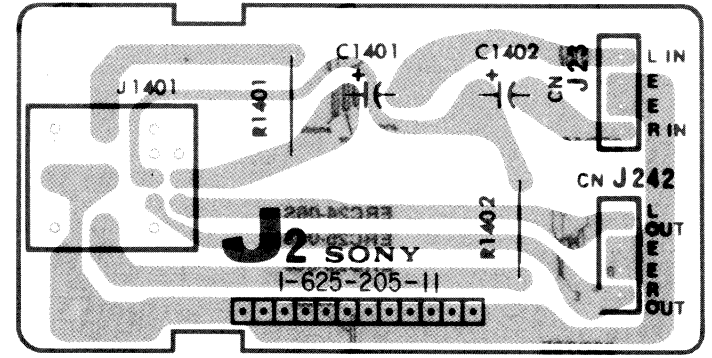
Board-



-H7 Board-

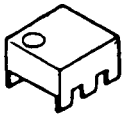


-J2 Board-

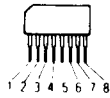


5-5. SEMICONDUCTORS

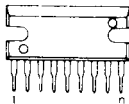
**BX-1387**



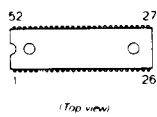
**CX20061**



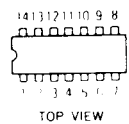
**LA4280**



**M50436-614SP**



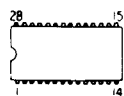
**M58655P**



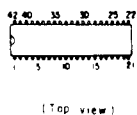
**MAB8461P-W136**

**TDA4555**  
**TDA4580**  
**TDA6200**  
**TDA6600**  
**TEA2026A**  
**TEA2028B**

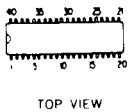
**SAA5231**  
**μPD4364CX015L**



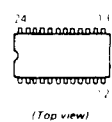
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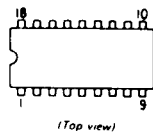
**SAA5243E**



**TDA2556**

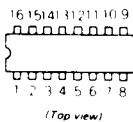


**TDA2595**

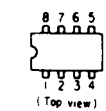


**TDA3541**

**TDA8442**  
**TEA2164**



**TBA129**  
**TEA2014A**  
**TEA2031A**



**μPC574J**



**2SA1091**  
**JA101TP**  
**JC501TP**



**DTA114ES**  
**DTA144ES**  
**DTC114ES**  
**DTC124ES**  
**DTC144ES**



**2SA1175**  
**2SC2785**



**2SB734**  
**2SC2958**  
**2SD773**  
**2SD774**



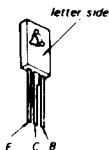
**2SA773**  
**2SC2060**  
**2SD789**



**2SB1185**  
**2SD1761**



**2SA1220**  
**2SC2611**  
**2SC2688**  
**2SC2690**



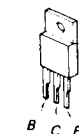
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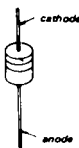
**2SD1941**



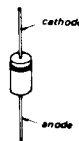
**2SD795**



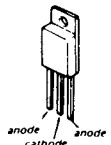
**ISS119**  
**ISS120**  
**ISS133**  
**RD3.6ES-T1B2**  
**RD3.9ES-T1B1**  
**RD4.7ES-T1B1**  
**RD5.6ES-T1B2**  
**RD5.6ES-T1B3**  
**RD6.2ES-T1B1**  
**RD6.2ES-T1B2**  
**RD6.8ES-T1B2**  
**RD7.5ES-T1B3**  
**RD9.1ES-T1B3**  
**RD10ES-T1B1**  
**RD10ES-T1B3**  
**RD11ES-T1B3**  
**RD12ES-T1B3**  
**RD13ES-T1B2**  
**RD15ES-T1B1**  
**RD24ES-T1B4**  
**RD36ES-T1B4**



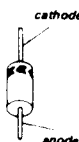
**EQB01-11**  
**ERD28-06S**  
**GP08DPKG23**  
**RGP01-17PKG23**  
**RGP10GPKG23**



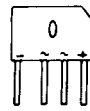
**CTU-12S**



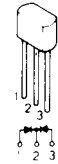
**ERC06-15S**  
**ERC24-06S**  
**ERC25-06S**  
**ERD29-08J**



**KBU-4JL**



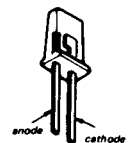
**MC921**



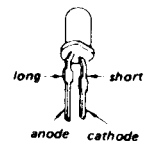
**MC931TP**



**SR632D**




**TLR124**



## SECTION 6 EXPLODED VIEWS

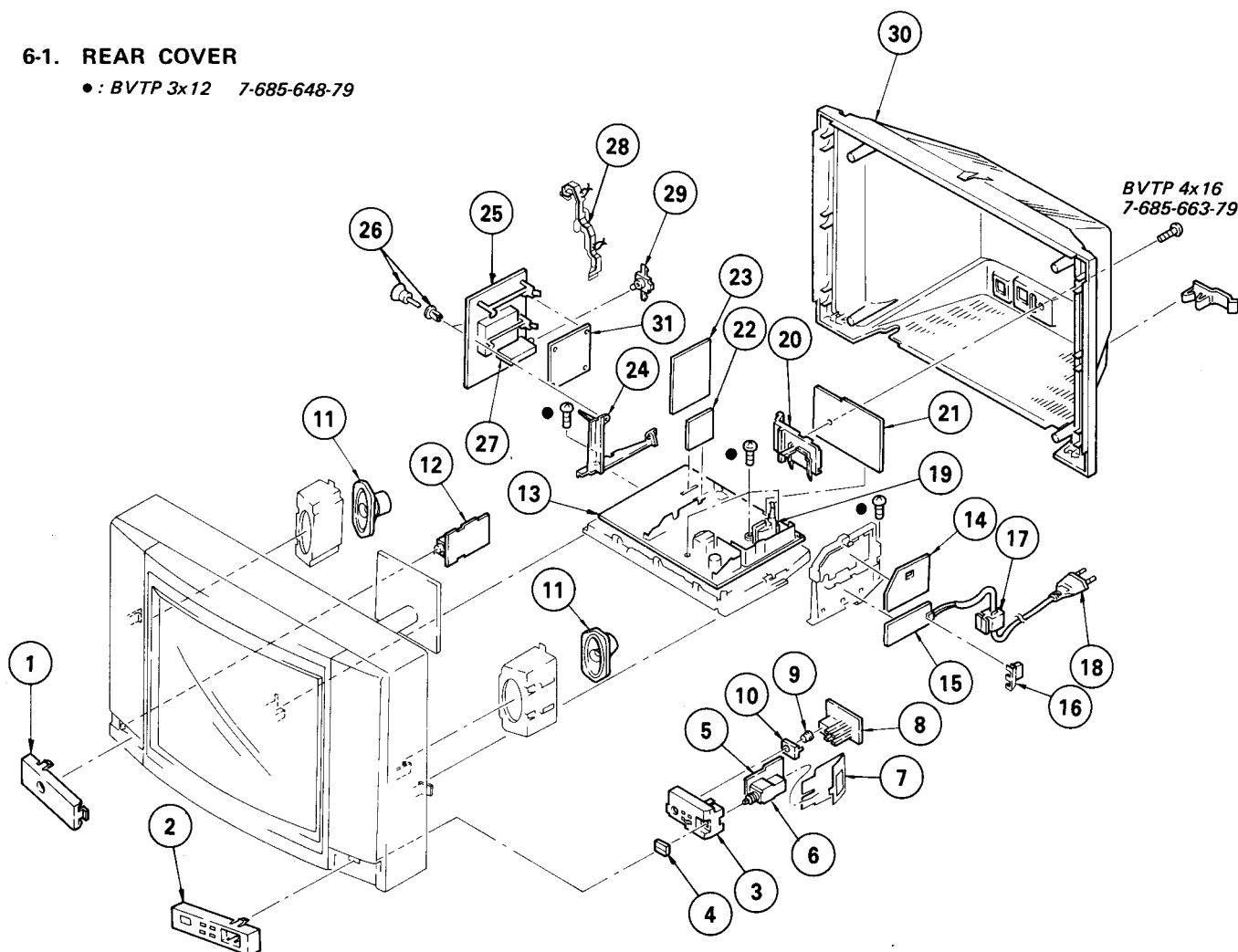
## NOTE:







- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark  are critical for safety.  
Replace only with part number specified.

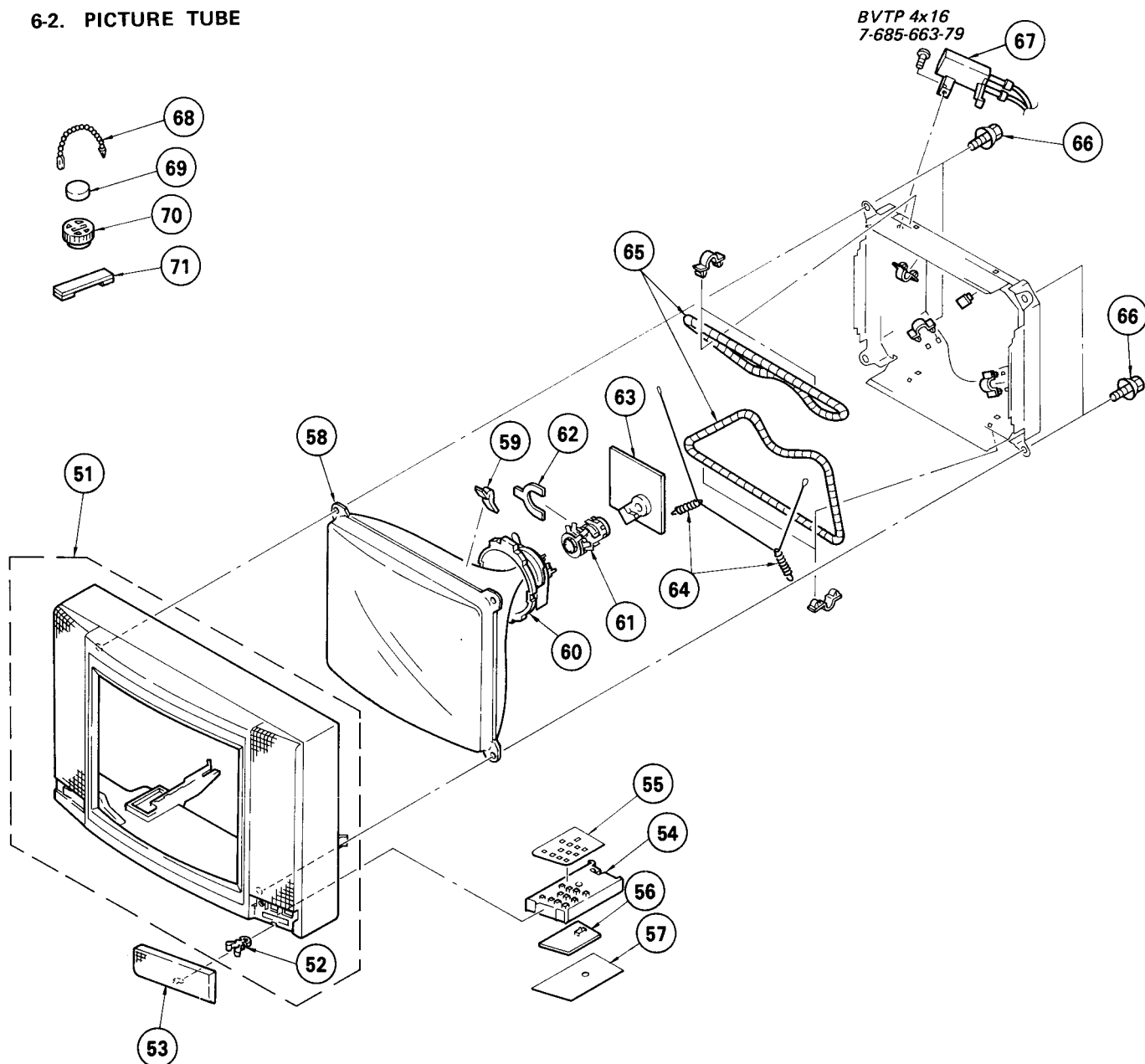
### 6-1. REAR COVER

•: BVTP 3x12 7-685-648-79



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
1	4-389-112-01	PLATE (B)(BLACK)		15	*1-625-199-11	F1 BOARD	
	4-389-112-11	PLATE (B)(GRAY)		16	*4-386-620-01	COVER, POWER	
2	X-4389-101-1	PLATE (A) ASSY (BLACK)		17	 4-022-115-01	HOLDER, AC CORD	
	X-4389-101-2	PLATE (A) ASSY (GRAY)		18	 1-559-346-11	CORD, POWER (WITH CONNECTOR)(AEP ONLY)	
3	*4-389-124-01	PANEL, POWER SWITCH		18	 1-559-912-12	CORD, POWER (WITH CONNECTOR)(AUS ONLY)	
4	4-389-106-01	BUTTON, POWER (BLACK)		19	 1-439-429-21	TRANSFORMER ASSY, FLYBACK	
	4-389-106-11	BUTTON, POWER (GRAY)		20	*4-386-624-11	BRACKET, J	
5	*1-625-200-11	F2 BOARD		21	*A-1371-384-A	J1 BOARD, COMPLETE	
6	 1-571-410-11	SWITCH, PUSH (AC POWER)(1 KEY)		22	*1-625-206-11	KS BOARD	
7	*4-387-804-01	INSULATOR		23	*A-1135-493-A	B BOARD, COMPLETE	
8	*1-625-204-11	H8 BOARD		24	*4-386-629-11	BRACKET, A	
9	*4-374-987-01	GUIDE, LIGHT		25	*A-1296-317-A	A BOARD, COMPLETE	
10	*4-381-686-01	BRACKET (B), BAR, OPTICAL		26	4-386-618-01	RIVET, T TYPE	
11	1-503-642-11	SPEAKER		27	 1-463-881-11	TUNER, ET (UV-617)	
12	*1-625-205-11	J2 BOARD		28	*4-386-628-11	SUPPORTER, PC BOARD	
13	*A-1345-764-A	D BOARD, COMPLETE		29	*4-386-617-01	HOLDER, TERMINAL	
14	*A-1341-047-A	D1 BOARD, COMPLETE		30	4-389-122-01	COVER, REAR	
				31	*A-1347-014-A	V BOARD, COMPLETE	

## 6-2. PICTURE TUBE



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
51	X-4389-104-1	CABINET ASSY (BLACK)	52	61	1-452-391-21	NECK ASSY, PICTURE TUBE (NA305)	
	X-4389-104-2	CABINET ASSY (GRAY)	52	62	1-452-146-21	MAGNET, BMC	
52	4-374-714-01	CATCH, PUSH		63	*A-1330-854-A	C BOARD, COMPLETE	
53	X-4389-102-1	COVER ASSY, ORNAMENTAL (BLACK)		64	4-303-774-XX	SPRING	
	X-4389-102-2	COVER ASSY, ORNAMENTAL (GRAY)		65	▲1-426-278-12	COIL, DEMAGNETIZATION	
54	4-389-123-01	PANEL, CONTROL		66	4-374-494-01	SCREW (L), PT	
55	4-389-109-01	LABEL, CONTROL		67	▲1-228-544-12	RESISTOR ASSY, HIGH-VOLTAGE	
56	*1-625-203-11	H7 BOARD		68	4-308-870-00	CLIP LEAD WIRE	
57	*4-389-103-01	COVER, H7		69	1-452-032-00	MAGNET, DISK; 10MM Ø	
58	▲8-736-653-05	PICTURE TUBE (A64JKJ60X)(AEP ONLY)		70	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM Ø	
59	▲8-736-654-05	PICTURE TUBE (A64JKJ10X)(AUS ONLY)		71	X-4306-312-0	PERMALLOY ASSY, CONVERGENCE	
60	▲1-451-255-41	DEFLECTION YOKE (SY-164)					

The components identified by shading and mark ▲ are critical for safety.  
Replace only with part number specified.

# SECTION 7 ELECTRICAL PARTS LIST

KV-C27TD  
RM-673

B

## NOTE:

The components identified by shading and mark  $\Delta$  are critical for safety.

Replace only with part number specified.

• Items marked " \* " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

• All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

## RESISTORS

• All resistors are in ohms  
• F : nonflammable

When indicating parts by reference number, please include the board name.

## CAPACITORS

• MF :  $\mu$ F, PF :  $\mu$ F

## COILS

• MMH : mH, UH :  $\mu$ H

## Note:

In this parts list, the mounting diagram is for a different product. Therefore, an excess of parts is listed.

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
	*A-1135-493-A	B BOARD, COMPLETE *****					
		<u>CAPACITOR</u>					
C301	1-110-179-81	MYLAR 0.22MF 10% 100V		C367	1-101-004-00	CERAMIC 0.01MF	50V
C302	1-110-179-81	MYLAR 0.22MF 10% 100V		C368	1-101-880-00	CERAMIC 47PF	5% 50V
C303	1-126-101-11	ELECT 100MF 20% 16V		C381	1-124-902-00	ELECT 0.47MF	20% 50V
C304	1-110-179-81	MYLAR 0.22MF 10% 100V		C382	1-124-927-11	ELECT 4.7MF	20% 50V
C305	1-124-119-00	ELECT 330MF 20% 16V		C384	1-124-477-11	ELECT 47MF	20% 16V
C306	1-124-902-00	ELECT 0.47MF 20% 50V		C385	1-124-927-11	ELECT 4.7MF	20% 50V
C307	1-124-902-00	ELECT 0.47MF 20% 50V		C386	1-124-927-11	ELECT 4.7MF	20% 50V
C308	1-124-902-00	ELECT 0.47MF 20% 50V		C387	1-124-902-00	ELECT 0.47MF	20% 50V
C309	1-124-902-00	ELECT 0.47MF 20% 50V		C1311	1-101-880-00	CERAMIC 47PF	5% 50V
C310	1-110-175-81	MYLAR 0.1MF 10% 100V		C1313	1-102-965-00	CERAMIC 39PF	5% 50V
C311	1-110-175-81	MYLAR 0.1MF 10% 100V				<u>CONNECTOR</u>	
C312	1-124-902-00	ELECT 0.47MF 20% 50V		CNB31	*1-562-370-21	CONNECTOR, BOARD TO BOARD 18P	
C313	1-124-902-00	ELECT 0.47MF 20% 50V		CNB72	*1-564-895-11	PLUG, CONNECTOR 6P	
C314	1-124-902-00	ELECT 0.47MF 20% 50V		CNB73	*1-564-880-31	PLUG, CONNECTOR 3P	
C315	1-124-499-11	ELECT 1MF 20% 50V		CNB93	*1-560-278-00	PLUG, CONNECTOR 6P	
C319	1-124-477-11	ELECT 47MF 20% 16V		CNB95	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)	
C322	1-101-888-00	CERAMIC 68PF 5% 50V				<u>TRIMMER</u>	
C325	1-124-477-11	ELECT 47MF 20% 16V		CT332	1-141-181-11	CAP, TRIMMER	
C326	1-101-004-00	CERAMIC 0.01MF 50V				<u>DIODE</u>	
C327	1-101-004-00	CERAMIC 0.01MF 50V		D301	8-719-911-19	DIODE 1SS119	
C331	1-124-963-11	ELECT 33MF 20% 16V		D302	8-719-911-19	DIODE 1SS119	
C332	1-124-119-00	ELECT 330MF 20% 16V		D303	8-719-911-19	DIODE 1SS119	
C333	1-101-005-00	CERAMIC 0.022MF 50V		D304	8-719-911-19	DIODE 1SS119	
C334	1-101-884-00	CERAMIC 56PF 5% 50V		D305	8-719-911-19	DIODE 1SS119	
C335	1-101-006-00	CERAMIC 0.047MF 50V		D307	8-719-110-23	DIODE RD11ES-B3	
C336	1-110-190-81	MYLAR 0.01MF 10% 400V		D309	8-719-911-19	DIODE 1SS119	
C337	1-101-004-00	CERAMIC 0.01MF 50V				<u>DELAY LINE</u>	
C338	1-101-888-00	CERAMIC 68PF 5% 50V		DL331	1-415-187-13	DELAY LINE	
C339	1-102-735-00	CERAMIC 120PF 5% 50V				<u>IC</u>	
C340	1-102-953-00	CERAMIC 18PF 5% 50V		IC301	8-759-923-81	IC TDA4580	
C341	1-102-978-00	CERAMIC 220PF 5% 50V		IC302	8-759-941-98	IC TDA8442	
C342	1-102-953-00	CERAMIC 18PF 5% 50V		IC331	8-759-947-20	IC TDA4555-V8	
C343	1-102-735-00	CERAMIC 120PF 5% 50V		IC1301	1-235-534-11	CONTROL MODULE, PICTURE	
C344	1-101-888-00	CERAMIC 68PF 5% 50V				<u>COIL</u>	
C345	1-102-978-00	CERAMIC 220PF 5% 50V		L301	1-410-868-21	INDUCTOR 4.7UH	
C346	1-102-074-00	CERAMIC 0.001MF 10% 50V		L302	1-410-868-21	INDUCTOR 4.7UH	
C347	1-124-499-11	ELECT 1MF 20% 50V		L304	1-410-470-11	INDUCTOR 10UH	
C349	1-136-173-00	FILM 0.47MF 5% 50V		L331	1-410-469-21	INDUCTOR 8.2UH	
C350	1-110-171-81	MYLAR 0.047MF 10% 100V		L332	1-404-539-11	COIL	
C352	1-110-182-81	MYLAR 0.022MF 10% 250V		L333	1-404-554-11	COIL	
C353	1-102-506-00	CERAMIC 7PF 0.5PF 50V		L334	1-404-554-11	COIL	
C354	1-102-074-00	CERAMIC 0.001MF 10% 50V		L335	1-404-554-11	COIL	
C355	1-102-679-00	CERAMIC 120PF 5% 50V					
C360	1-101-004-00	CERAMIC 0.01MF 50V					
C361	1-101-004-00	CERAMIC 0.01MF 50V					
C364	1-101-361-00	CERAMIC 150PF 5% 50V					
C365	1-124-477-11	ELECT 47MF 20% 16V					
C366	1-124-477-11	ELECT 47MF 20% 16V					

**B** **F1**

The components identified by shading and mark **A** are critical for safety.  
Replace only with part number specified.

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
L 339	1-410-868-21	INDUCTOR 4.7UH		R358	1-249-409-11	CARBON 220 5% 1/4W	
				R361	1-249-419-11	CARBON 1.5K 5% 1/4W	
				R362	1-249-421-11	CARBON 2.2K 5% 1/4W	
				R363	1-249-418-11	CARBON 1.2K 5% 1/4W	
				R367	1-249-409-11	CARBON 220 5% 1/4W	
				R368	1-249-417-11	CARBON 1K 5% 1/4W	
				R369	1-249-417-11	CARBON 1K 5% 1/4W	
				R370	1-249-418-11	CARBON 1.2K 5% 1/4W	
				R371	1-249-417-11	CARBON 1K 5% 1/4W	
				R376	1-249-429-11	CARBON 10K 5% 1/4W	
				R378	1-249-441-11	CARBON 100K 5% 1/4W	
				R379	1-249-441-11	CARBON 100K 5% 1/4W	
				R380	1-249-426-11	CARBON 5.6K 5% 1/4W	
				R381	1-249-439-11	CARBON 68K 5% 1/4W	
				R382	1-247-885-00	CARBON 180K 5% 1/4W	
				R383	1-215-483-00	CARBON 390K 5% 1/4W	
				R385	1-249-435-11	CARBON 33K 5% 1/4W	
				R386	1-249-423-11	CARBON 3.3K 5% 1/4W	
				R389	1-247-883-00	CARBON 150K 5% 1/4W	
				R391	1-249-404-00	CARBON 82 5% 1/4W	
				R392	1-249-402-11	CARBON 56 5% 1/4W	
				R393	1-249-402-11	CARBON 56 5% 1/4W	
				R394	1-249-402-11	CARBON 56 5% 1/4W	
				R398	1-249-433-11	CARBON 22K 5% 1/4W	
				R1301	1-249-425-11	CARBON 4.7K 5% 1/4W	
				R1302	1-249-437-11	CARBON 47K 5% 1/4W	
				R1303	1-249-437-11	CARBON 47K 5% 1/4W	
				R1304	1-249-441-11	CARBON 100K 5% 1/4W	
				R1324	1-249-419-11	CARBON 1.5K 5% 1/4W	

The components identified by shading and mark  $\Delta$  are critical for safety.  
Replace only with part number specified.

KV-C27TD  
RM-673

F1

F2

A

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
CNF66	*1-508-786-00	2P PLUG (M)		C121	1-101-003-00	CERAMIC 0.0047MF	50V
CNF67	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C122	1-101-003-00	CERAMIC 0.0047MF	50V
CNF162	*1-506-347-21	4P PLUG		C123	1-101-003-00	CERAMIC 0.0047MF	50V
				C124	1-101-888-00	CERAMIC 68PF	5% 50V
				C125	1-101-888-00	CERAMIC 68PF	5% 50V
<u>FUSE</u>				C127	1-101-003-00	CERAMIC 0.0047MF	50V
F1601	$\Delta$ 1-532-350-11	FUSE, TIME-LAG 4A/250V		C128	1-124-963-11	ELECT 33MF	20% 16V
	1-533-149-00	HOLDER, FUSE; F1601		C129	1-101-888-00	CERAMIC 68PF	5% 50V
<u>FILTER</u>				C130	1-101-004-00	CERAMIC 0.01MF	50V
LF1601	$\Delta$ 1-421-866-12	LFT		C131	1-101-006-00	CERAMIC 0.047MF	50V
LF1602	$\Delta$ 1-421-776-11	LFT		C132	1-124-499-11	ELECT 1MF	20% 50V
<u>RESISTOR</u>				C133	1-101-003-00	CERAMIC 0.0047MF	50V
R1601	$\Delta$ 1-247-879-91	CARBON 100K 5% 1/4W		C134	1-124-499-11	ELECT 1MF	20% 50V
R1602	$\Delta$ 1-244-945-91	CARBON 1M 5% 1/2W		C135	1-101-004-00	CERAMIC 0.01MF	50V
R1603	$\Delta$ 1-217-328-11	WIREWOUND 2.7 10% 7W F		C136	1-101-006-00	CERAMIC 0.047MF	50V
R1604	$\Delta$ 1-247-879-91	CARBON 100K 5% 1/4W		C137	1-102-961-00	CERAMIC 27PF	5% 50V
R1605	$\Delta$ 1-247-289-11	CARBON 8.2M 5% 1W		C138	1-124-499-11	ELECT 1MF	20% 50V
R1606	$\Delta$ 1-217-777-11	WIREWOUND 100 10% 10W F		C139	1-123-875-11	ELECT 10MF	20% 50V
<u>THERMISTOR</u>				C140	1-108-614-11	MYLAR 0.001MF	10% 100V
THP601	$\Delta$ 1-806-387-11	THERMISTOR (POSITIVE)		C141	1-129-794-00	FILM 0.0033MF	2% 100V
*****				C142	1-102-816-00	CERAMIC 120PF	5% 50V
*1-625-200-11	F2 BOARD	*****		C143	1-101-361-00	CERAMIC 150PF	5% 50V
1-506-348-XX	4P PLUG			C144	1-124-477-11	ELECT 47MF	20% 16V
<u>SWITCH</u>				C145	1-124-477-11	ELECT 47MF	20% 16V
S1701	$\Delta$ 1-571-410-11	SWITCH, PUSH (AC POWER)(1 KEY)		C146	1-124-477-11	ELECT 47MF	20% 16V
*****				C147	1-124-477-11	ELECT 47MF	20% 16V
*A-1296-317-A	A BOARD, COMPLETE	*****		C148	1-123-875-11	ELECT 10MF	20% 50V
*4-380-698-01	CASE (MAIN), SHIELD, A1			C149	1-136-153-00	FILM 0.01MF	5% 50V
*4-380-699-01	CASE (UPPER LID), SHIELD, A1			C150	1-136-153-00	FILM 0.01MF	5% 50V
*4-382-701-01	CASE (BOTTOM LID), SHIELD, A2			C151	1-124-908-11	ELECT 22MF	20% 50V
<u>CAPACITOR</u>				C152	1-124-908-11	ELECT 22MF	20% 50V
C101	1-124-908-11	ELECT 22MF 20% 50V		C153	1-136-165-00	FILM 0.1MF	5% 50V
C102	1-126-103-11	ELECT 470MF 20% 16V		C154	1-136-169-00	FILM 0.22MF	5% 50V
C103	1-110-175-81	MYLAR 0.1MF 10% 100V		C155	1-124-963-11	ELECT 33MF	20% 16V
C104	1-110-173-81	MYLAR 0.068MF 10% 100V		C156	1-136-157-00	FILM 0.022MF	5% 50V
C105	1-110-173-81	MYLAR 0.068MF 10% 100V		C157	1-136-161-00	FILM 0.047MF	5% 50V
C106	1-101-004-00	CERAMIC 0.01MF 50V		C158	1-124-963-11	ELECT 33MF	20% 16V
C107	1-102-963-00	CERAMIC 33PF 5% 50V		C159	1-124-477-11	ELECT 47MF	20% 16V
C108	1-124-963-11	ELECT 33MF 20% 16V		C161	1-124-477-11	ELECT 47MF	20% 16V
C109	1-101-003-00	CERAMIC 0.0047MF 50V		C162	1-102-816-00	CERAMIC 120PF	5% 50V
C110	1-124-499-11	ELECT 1MF 20% 50V		C163	1-124-927-11	ELECT 4.7MF	20% 50V
C111	1-101-003-00	CERAMIC 0.0047MF 50V		C164	1-110-190-81	MYLAR 0.01MF	10% 400V
C112	1-101-003-00	CERAMIC 0.0047MF 50V		C165	1-136-287-11	FILM 0.0047MF	5% 50V
C113	1-101-003-00	CERAMIC 0.0047MF 50V		C167	1-124-499-11	ELECT 1MF	20% 50V
C114	1-124-963-11	ELECT 33MF 20% 16V		C168	1-110-179-81	MYLAR 0.22MF	10% 100V
C117	1-102-978-00	CERAMIC 220PF 5% 50V		C169	1-123-875-11	ELECT 10MF	20% 50V
C118	1-101-880-00	CERAMIC 47PF 5% 50V		C170	1-101-004-00	CERAMIC 0.01MF	50V
C119	1-126-101-11	ELECT 100MF 20% 16V		C171	1-101-004-00	CERAMIC 0.01MF	50V
C120	1-124-925-11	ELECT 2.2MF 20% 50V		C174	1-124-499-11	ELECT 1MF	20% 50V
				C177	1-102-119-00	CERAMIC 0.0015MF	10% 50V
				C187	1-101-003-00	CERAMIC 0.0047MF	50V
				C188	1-124-963-11	ELECT 33MF	20% 16V
				C189	1-124-963-11	ELECT 33MF	20% 16V
				C190	1-110-175-81	MYLAR 0.1MF	10% 100V
				<u>CERAMIC</u>			
				CD101	1-404-750-11	DISCRIMINATOR, CERAMIC	
				CD102	1-404-745-11	DISCRIMINATOR, CERAMIC	
				CD103	1-404-746-11	DISCRIMINATOR, CERAMIC	
				<u>FILTER</u>			
				CF101	1-404-134-00	TRAP, CERAMIC (5.5MHZ)	
				CF103	1-527-840-00	FILTER, CERAMIC	

The components identified by shading and mark **A** are critical for safety.  
Replace only with part number specified.

**A**

Ref.No.	Part No.	Description
CF104	1-527-839-00	FILTER, CERAMIC
CF105	1-527-839-00	FILTER, CERAMIC
SWF101	1-404-717-11	FILTER, SURFACE WAVE

CONNECTOR

CNA11	*1-566-659-11	CONNECTOR, HINGE (SOCKET) 18P
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DIODE

D105	8-719-109-92	DIODE RD6.2ES-B1
D106	8-719-911-19	DIODE 1SS119
D108	8-719-000-06	DIODE MC921

IC

IC101	8-759-909-08	IC TDA3541
IC102	8-759-941-96	IC TDA2556
IC103	8-759-013-18	IC TDA6600
IC104	8-759-946-99	IC TDA2595-V7
IC105	8-759-003-90	IC TBA129

COIL

L101	1-408-226-00	INDUCTOR	82UH
L102	1-410-116-11	INDUCTOR	560UH
L103	1-410-467-21	INDUCTOR	5.6UH
L104	1-408-411-00	INDUCTOR	15UH
L105	1-410-482-31	INDUCTOR	100UH
L106	1-410-476-11	INDUCTOR	33UH
L107	1-410-467-21	INDUCTOR	5.6UH
L108	1-410-473-11	INDUCTOR	18UH
L109	1-410-473-11	INDUCTOR	18UH
L110	1-410-064-11	INDUCTOR	2.7MMH
L111	1-410-482-31	INDUCTOR	100UH
L112	1-410-471-11	INDUCTOR	12UH
L113	1-410-460-11	INDUCTOR	1.5UH

TRANSISTOR

Q101	8-729-900-61	TRANSISTOR DTA114ES
Q102	8-729-900-61	TRANSISTOR DTA114ES
Q104	8-729-900-61	TRANSISTOR DTA114ES
Q105	8-729-178-54	TRANSISTOR 2SC2785
Q106	8-729-178-54	TRANSISTOR 2SC2785
Q107	8-729-117-54	TRANSISTOR 2SC2785
Q108	8-729-900-65	TRANSISTOR DTA144ES
Q109	8-729-900-89	TRANSISTOR DTC144ES
Q110	8-729-117-54	TRANSISTOR 2SA1175
Q111	8-729-900-89	TRANSISTOR DTC144ES
Q112	8-729-178-54	TRANSISTOR 2SC2785
Q113	8-729-178-54	TRANSISTOR 2SC2785

RESISTOR

R101	1-249-405-11	CARBON	100	5%	1/4W
R102	1-249-423-11	CARBON	3.3K	5%	1/4W
R103	1-249-433-11	CARBON	22K	5%	1/4W
R104	1-249-429-11	CARBON	10K	5%	1/4W
R105	1-249-418-11	CARBON	1.2K	5%	1/4W
R106	1-247-891-00	CARBON	330K	5%	1/4W
R107	1-249-421-11	CARBON	2.2K	5%	1/4W
R108	1-249-421-11	CARBON	2.2K	5%	1/4W
R109	1-249-423-11	CARBON	3.3K	5%	1/4W
R110	1-249-412-11	CARBON	390	5%	1/4W

Remark	Ref.No.	Part No.	Description	Remark
	R111	1-249-418-11	CARBON	1.2K 5% 1/4W
	R112	1-249-421-11	CARBON	2.2K 5% 1/4W
	R113	1-249-411-11	CARBON	330 5% 1/4W
	R114	1-249-413-11	CARBON	470 5% 1/4W
	R115	1-249-413-11	CARBON	470 5% 1/4W
	R116	1-249-419-11	CARBON	1.5K 5% 1/4W
	R117	1-249-431-11	CARBON	15K 5% 1/4W
	R118	1-249-425-11	CARBON	4.7K 5% 1/4W
	R119	1-249-417-11	CARBON	1K 5% 1/4W
	R121	1-249-429-11	CARBON	10K 5% 1/4W
	R122	1-249-436-11	CARBON	39K 5% 1/4W
	R123	1-249-417-11	CARBON	1K 5% 1/4W
	R124	1-249-423-11	CARBON	3.3K 5% 1/4W
	R125	1-249-429-11	CARBON	10K 5% 1/4W
	R126	1-249-436-11	CARBON	39K 5% 1/4W
	R127	1-249-432-11	CARBON	18K 5% 1/4W
	R128	1-249-432-11	CARBON	18K 5% 1/4W
	R129	1-249-429-11	CARBON	10K 5% 1/4W
	R130	1-249-429-11	CARBON	10K 5% 1/4W
	R132	1-249-414-11	CARBON	560 5% 1/4W
	R133	1-249-425-11	CARBON	4.7K 5% 1/4W
	R134	1-249-414-11	CARBON	560 5% 1/4W
	R135	1-249-419-11	CARBON	1.5K 5% 1/4W
	R136	1-249-414-11	CARBON	560 5% 1/4W
	R137	1-249-414-11	CARBON	560 5% 1/4W
	R138	1-249-419-11	CARBON	1.5K 5% 1/4W
	R140	1-249-441-11	CARBON	100K 5% 1/4W
	R141	1-249-425-11	CARBON	4.7K 5% 1/4W
	R142	1-249-441-11	CARBON	100K 5% 1/4W
	R143	1-249-441-11	CARBON	100K 5% 1/4W
	R144	1-249-422-11	CARBON	2.7K 5% 1/4W
	R146	1-249-424-11	CARBON	3.9K 5% 1/4W
	R148	1-249-413-11	CARBON	470 5% 1/4W
	R150	1-249-423-11	CARBON	3.3K 5% 1/4W
	R151	1-249-423-11	CARBON	3.3K 5% 1/4W
	R152	1-249-431-11	CARBON	15K 5% 1/4W
	R153	1-249-416-11	CARBON	820 5% 1/4W
	R154	1-249-441-11	CARBON	100K 5% 1/4W
	R155	1-249-430-11	CARBON	12K 5% 1/4W
	R156	1-247-881-00	CARBON	120K 5% 1/4W
	R160	1-249-417-11	CARBON	1K 5% 1/4W
	R162	1-249-415-11	CARBON	680 5% 1/4W
	R163	1-249-424-11	CARBON	3.9K 5% 1/4W
	R165	1-249-423-11	CARBON	3.3K 5% 1/4W
	R166	1-249-437-11	CARBON	47K 5% 1/4W
	R172	1-249-417-11	CARBON	1K 5% 1/4W
	R173	1-249-414-11	CARBON	560 5% 1/4W
	R188	1-249-419-11	CARBON	1.5K 5% 1/4W
	R189	1-249-419-11	CARBON	1.5K 5% 1/4W

VARIABLE RESISTOR

RV101	1-237-753-11	RES, ADJ, CARBON 47K
RV102	1-237-751-11	RES, ADJ, CARBON 10K
RV103	1-237-753-11	RES, ADJ, CARBON 47K

TRANSFORMER

T101	1-404-493-00	COIL
T102	1-404-493-00	COIL
T103	1-404-493-00	COIL

TUNER

TU101	1-463-881-11	TUNER, ET (UV-617)
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C

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
*A-1330-854-A C BOARD, COMPLETE *****				TRANSISTOR			
	CAPACITOR			Q702	8-729-178-54	TRANSISTOR 2SC2785	
C703	1-102-980-00	CERAMIC 270PF	5% 50V	Q703	8-729-326-11	TRANSISTOR 2SC2611	
C704	1-102-116-00	CERAMIC 680PF	10% 50V		*4-386-664-01	SPRING; Q703	
C705	1-102-978-00	CERAMIC 220PF	5% 50V	Q704	8-729-200-17	TRANSISTOR 2SA1091	
C706	1-102-116-00	CERAMIC 680PF	10% 50V	Q705	8-729-178-54	TRANSISTOR 2SC2785	
C709	1-102-116-00	CERAMIC 680PF	10% 50V	Q706	8-729-326-11	TRANSISTOR 2SC2611	
C710	1-123-947-00	ELECT 10MF	20% 250V		*4-386-664-01	SPRING; Q706	
C711	1-101-880-00	CERAMIC 47PF	5% 50V	Q707	8-729-200-17	TRANSISTOR 2SA1091	
C712	1-102-980-00	CERAMIC 270PF	5% 50V	Q708	8-729-178-54	TRANSISTOR 2SC2785	
C714	1-124-360-00	ELECT 1000MF	20% 16V	Q709	8-729-326-11	TRANSISTOR 2SC2611	
C717	1-102-114-00	CERAMIC 470PF	10% 50V		*4-386-664-01	SPRING; Q709	
C718	1-102-114-00	CERAMIC 470PF	10% 50V	Q710	8-729-200-17	TRANSISTOR 2SA1091	
C719	1-102-114-00	CERAMIC 470PF	10% 50V	Q751	8-729-178-54	TRANSISTOR 2SC2785	
C741	1-129-714-00	FILM 0.01MF	10% 630V	Q752	8-729-178-54	TRANSISTOR 2SC2785	
C742	1-162-116-00	CERAMIC 680PF	10% 2KV	Q753	8-729-103-43	TRANSISTOR 2SB734	
C751	1-101-361-00	CERAMIC 150PF	5% 50V	Q754	8-729-177-43	TRANSISTOR 2SD774	
C752	1-110-181-81	MYLAR 0.018MF	10% 250V	RESISTOR			
C753	1-110-190-81	MYLAR 0.01MF	10% 400V	R704	1-216-486-00	METAL OXIDE 8.2K 5% 3W	F
C754	1-102-980-00	CERAMIC 270PF	5% 50V	R705	1-202-824-00	SOL ID 3.3K 10% 1/2W	
C757	1-106-367-00	MYLAR 0.01MF	10% 200V	R706	1-249-409-11	CARBON 220 5% 1/4W	
C759	1-123-875-11	ELECT 10MF	20% 50V	R707	1-249-412-11	CARBON 390 5% 1/4W	
C760	1-124-917-11	ELECT 33MF	20% 50V	R708	1-249-401-11	CARBON 47 5% 1/4W	
C761	1-101-006-00	CERAMIC 0.047MF	50V	R710	1-215-465-00	METAL 68K 1% 1/6W	
C762	1-110-190-81	MYLAR 0.01MF	10% 400V	R712	1-249-417-11	CARBON 1K 5% 1/4W	
CONNECTOR				R713	1-215-471-00	METAL 120K 1% 1/6W	
CNC71	*1-506-349-21	3P PLUG (L)		R714	1-216-486-00	METAL OXIDE 8.2K 5% 3W	F
CNC72	*1-564-883-11	PLUG, CONNECTOR 6P		R715	1-202-824-00	SOL ID 3.3K 10% 1/2W	
CNC73	*1-564-880-31	PLUG, CONNECTOR 3P		R716	1-249-409-11	CARBON 220 5% 1/4W	
CNC75	*1-564-879-11	PLUG, CONNECTOR 2P		R717	1-249-415-11	CARBON 680 5% 1/4W	
CNC81	*1-560-123-00	PLUG, CONNECTOR (2.5MM PITCH)		R719	1-249-401-11	CARBON 47 5% 1/4W	
CNC82	*1-508-765-00	3P PLUG (M)		R720	1-249-423-11	CARBON 3.3K 5% 1/4W	
CNC87	*1-508-784-00	1P PLUG		R723	1-249-417-11	CARBON 1K 5% 1/4W	
DIODE				R726	1-202-824-00	SOL ID 3.3K 10% 1/2W	
D701	8-719-110-14	DIODE RD9.1ES-B3		R727	1-249-409-11	CARBON 220 5% 1/4W	
D702	8-719-911-19	DIODE 1SS119		R728	1-216-347-11	METAL OXIDE 0.68 5% 3W	F
D703	8-719-911-19	DIODE 1SS119		R729	1-249-416-11	CARBON 820 5% 1/4W	
D704	8-719-911-19	DIODE 1SS119		R730	1-249-401-11	CARBON 47 5% 1/4W	
D705	8-719-911-19	DIODE 1SS119		R731	1-249-423-11	CARBON 3.3K 5% 1/4W	
D706	8-719-911-19	DIODE 1SS119		R732	1-249-415-11	CARBON 680 5% 1/4W	
D707	8-719-911-19	DIODE 1SS119		R733	1-249-415-11	CARBON 680 5% 1/4W	
D708	8-719-911-19	DIODE 1SS119		R734	1-249-405-11	CARBON 100 5% 1/4W	
D709	8-719-911-19	DIODE 1SS119		R735	1-215-493-00	METAL 1M 1% 1/6W	
D710	8-719-911-19	DIODE 1SS119		R736	1-216-486-00	METAL OXIDE 8.2K 5% 3W	F
D711	8-719-924-06	DIODE ERC24-06S		R737	1-215-481-00	METAL 330K 1% 1/6W	
D713	8-719-911-19	DIODE 1SS119		R739	1-249-417-11	CARBON 1K 5% 1/4W	
JACK				R742	1-202-838-00	SOL ID 100K 10% 1/2W	
J701	1-526-644-51	SOCKET, CRT		R744	1-202-844-00	SOL ID 330K 10% 1/2W	
COIL				R745	1-202-842-11	SOL ID 220K 10% 1/2W	
L704	1-410-878-21	INDUCTOR 33UH		R751	1-249-418-11	CARBON 1.2K 5% 1/4W	
L751	1-410-474-21	INDUCTOR 22UH		R752	1-249-426-11	CARBON 5.6K 5% 1/4W	
				R753	1-249-414-11	CARBON 560 5% 1/4W	
				R754	1-249-434-11	CARBON 27K 5% 1/4W	
				R755	1-249-405-11	CARBON 100 5% 1/4W	
				R756	1-249-419-11	CARBON 1.5K 5% 1/4W	
				R757	1-249-405-11	CARBON 100 5% 1/4W	
				R758	1-249-409-11	CARBON 220 5% 1/4W	
				R760	1-249-411-11	CARBON 330 5% 1/4W	
				R761	1-249-429-11	CARBON 10K 5% 1/4W	
				R762	1-247-895-00	CARBON 470K 5% 1/4W	
				R763	1-249-429-11	CARBON 10K 5% 1/4W	
				R764	1-249-455-11	CARBON 4.7 5% 1/4W	F

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D1

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R765	1-249-455-11	CARBON 4.7 5% 1/4W	F	DIODE			
R766	1-247-753-11	CARBON 1.2K 5% 1/2W		D5001	8-719-930-11	DIODE EQ801-11Z	
R767	1-247-751-11	CARBON 820 5% 1/2W		D5002	8-719-911-55	DIODE U05G	
R768	1-215-887-00	METAL OXIDE 150 5% 2W	F	D5003	8-719-911-55	DIODE U05G	
R769	1-212-889-00	FUSIBLE 220 5% 1/4W	F	D5004	8-719-924-06	DIODE ERC24-06S	
R770	1-212-869-00	FUSIBLE 33 5% 1/4W	F	D5005	8-719-924-06	DIODE ERC24-06S	
VARIABLE RESISTOR				D5006	8-719-911-19	DIODE 1SS119	
RV703	1-237-749-11	RES, ADJ, CARBON 2200		D5007	8-719-110-33	DIODE RD12ES-83	
RV704	1-237-749-11	RES, ADJ, CARBON 2200		D5008	8-719-911-19	DIODE 1SS119	
RV741	1-226-114-00	RES, ADJ, METAL GLAZE 2.2M		COIL			
SPARK GAP				L5001	1-459-074-00	COIL, DUST CORE 6.8MMH(HCC)	
SG701	1-519-063-XX	DISCHARGING GAP		L5002	1-408-245-00	INDUCTOR 22MMH	
SG702	1-519-063-XX	DISCHARGING GAP		L5003	1-407-509-00	INDUCTOR 27MMH	
SG703	1-519-063-XX	DISCHARGING GAP		L5004	1-408-242-00	INDUCTOR 10MMH	
*****				L5005	1-408-247-00	INDUCTOR 33MMH	
*A-1341-047-A D1 BOARD, COMPLETE				TRANSISTOR			
*****				Q5001	8-729-117-54	TRANSISTOR 2SA1175	
CAPACITOR				Q5002	8-729-117-54	TRANSISTOR 2SA1175	
C5001	1-124-122-11	ELECT 100MF 20% 50V		Q5003	8-729-195-82	TRANSISTOR 2SC2958	
C5002	1-124-122-11	ELECT 100MF 20% 50V		Q5004	8-729-122-02	TRANSISTOR 2SA1220A	
C5003	1-124-908-11	ELECT 22MF 20% 50V		*4-386-664-01	SPRING; Q5004		
C5004	1-102-030-00	CERAMIC 330PF 10% 500V		Q5005	8-729-102-39	TRANSISTOR 2SC2690A-Q	
C5005	1-129-741-00	FILM 0.015MF 10% 400V		*4-386-664-01	SPRING; Q5005		
C5006	1-123-931-00	ELECT 3.3MF 20% 160V		Q5008	8-729-177-32	TRANSISTOR 2SD773	
C5007	1-126-101-11	ELECT 100MF 20% 16V		Q5009	8-729-103-43	TRANSISTOR 2SB734	
C5008	1-102-157-00	CERAMIC 560PF 10% 500V		Q5010	8-729-178-54	TRANSISTOR 2SC2785	
C5009	1-106-353-00	MYLAR 0.0027MF 10% 100V		Q5011	8-729-195-82	TRANSISTOR 2SC2958	
C5010	1-124-963-11	ELECT 33MF 20% 16V		RESISTOR			
C5011	1-106-387-00	MYLAR 0.068MF 10% 200V		R5001	1-216-429-00	METAL OXIDE 270 5% 1W	F
C5012	1-110-327-81	MYLAR 0.33MF 10% 100V		R5002	1-247-704-11	CARBON 220 5% 1/4W	F
C5013	1-123-363-00	ELECT 470MF 20% 50V		R5003	1-249-399-11	CARBON 33 5% 1/4W	F
C5014	1-131-349-00	TANTALUM 2.2MF 10% 35V		R5004	1-215-869-11	METAL OXIDE 1K 5% 1W	F
C5016	1-110-171-81	MYLAR 0.047MF 10% 100V		R5005	1-249-395-11	CARBON 15 5% 1/4W	F
C5017	1-126-101-11	ELECT 100MF 20% 16V		R5006	1-216-350-11	METAL OXIDE 1.2 5% 1W	F
C5018	1-124-908-11	ELECT 22MF 20% 50V		R5007	1-216-440-00	METAL OXIDE 18K 5% 1W	F
C5019	1-124-925-11	ELECT 2.2MF 20% 50V		R5011	1-212-990-00	FUSIBLE 220 5% 1/2W	F
C5020	1-124-908-11	ELECT 22MF 20% 50V		R5012	1-249-423-11	CARBON 3.3K 5% 1/4W	
C5021	1-123-382-00	ELECT 3.3MF 20% 50V		R5013	1-249-429-11	CARBON 10K 5% 1/4W	
C5022	1-124-122-11	ELECT 100MF 20% 50V		R5014	1-249-423-11	CARBON 3.3K 5% 1/4W	
C5023	1-124-477-11	ELECT 47MF 20% 16V		R5015	1-249-421-11	CARBON 2.2K 5% 1/4W	
C5024	1-124-122-11	ELECT 100MF 20% 50V		R5016	1-249-405-11	CARBON 100 5% 1/4W	F
C5025	1-110-188-81	MYLAR 0.0068MF 10% 400V		R5017	1-216-350-11	METAL OXIDE 1.2 5% 1W	F
C5026	1-110-184-81	MYLAR 0.033MF 10% 250V		R5018	1-249-393-11	CARBON 10 5% 1/4W	F
C5027	1-110-174-81	MYLAR 0.082MF 10% 100V		R5019	1-249-439-11	CARBON 68K 5% 1/4W	
C5028	1-123-875-11	ELECT 10MF 20% 50V		R5020	1-249-441-11	CARBON 100K 5% 1/4W	
C5029	1-110-182-81	MYLAR 0.022MF 10% 250V		R5021	1-249-429-11	CARBON 10K 5% 1/4W	
C5030	1-110-187-81	MYLAR 0.0056MF 10% 400V		R5023	1-249-431-11	CARBON 15K 5% 1/4W	
C5031	1-129-701-00	FILM 0.01MF 5% 100V		R5025	1-215-868-00	METAL OXIDE 680 5% 1W	F
C5034	1-131-349-00	TANTALUM 2.2MF 10% 35V		R5027	1-249-434-11	CARBON 27K 5% 1/4W	
CONNECTOR				R5029	1-249-411-11	CARBON 330 5% 1/4W	
CND185*1-508-766-00	4P PLUG (M)			R5030	1-216-354-11	METAL OXIDE 2.7 5% 1W	F
CND186*1-508-767-00	5P PLUG			R5032	1-215-908-00	METAL OXIDE 33 5% 3W	F
CND187*1-508-784-00	1P PLUG			R5033	1-249-411-11	CARBON 330 5% 1/4W	
CND188*1-564-884-31	PLUG, CONNECTOR 7P			R5034	1-249-429-11	CARBON 10K 5% 1/4W	
				R5035	1-249-429-11	CARBON 10K 5% 1/4W	
				R5036	1-249-395-11	CARBON 15 5% 1/4W	
				R5037	1-249-407-11	CARBON 150 5% 1/4W	
				R5038	1-249-434-11	CARBON 27K 5% 1/4W	

D1

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R5039	1-216-451-11	METAL OXIDE	120 5% 2W F	C253	1-124-122-11	ELECT	100MF 20% 50V
R5040	1-249-435-11	CARBON	33K 5% 1/4W	C254	1-124-927-11	ELECT	4.7MF 20% 50V
R5041	1-249-414-11	CARBON	560 5% 1/4W	C255	1-124-927-11	ELECT	4.7MF 20% 50V
R5042	1-249-435-11	CARBON	33K 5% 1/4W	C256	1-110-175-81	MYLAR	0.1MF 10% 100V
R5043	1-249-419-11	CARBON	1.5K 5% 1/4W	C257	1-101-004-00	CERAMIC	0.01MF 50V
R5044	1-249-421-11	CARBON	2.2K 5% 1/4W	C258	1-110-175-81	MYLAR	0.1MF 10% 100V
R5045	1-249-406-11	CARBON	120 5% 1/4W	C260	1-110-175-81	MYLAR	0.1MF 10% 100V
R5046	1-249-403-11	CARBON	68 5% 1/4W	C265	1-102-074-00	CERAMIC	0.001MF 10% 50V
R5047	1-216-423-11	METAL OXIDE	27 5% 1W F	C266	1-102-074-00	CERAMIC	0.001MF 10% 50V
R5048	1-247-753-11	CARBON	1.2K 5% 1/2W	C401	1-124-477-11	ELECT	47MF 20% 16V
R5049	1-215-865-11	METAL OXIDE	220 5% 1W F	C403	1-124-477-11	ELECT	47MF 20% 16V
R5056	1-249-411-11	CARBON	330 5% 1/4W	C501	1-124-927-11	ELECT	4.7MF 20% 50V
VARIABLE RESISTOR				C502	1-124-927-11	ELECT	4.7MF 20% 50V
RV5002	1-230-504-11	RES, ADJ, CARBON 220		C503	1-110-192-81	MYLAR	0.015MF 10% 400V
RV5003	1-228-990-00	RES, ADJ, CARBON 1K		C504	1-101-361-00	CERAMIC	150PF 5% 50V
RV5004	1-228-993-00	RES, ADJ, CARBON 4.7K		C505	1-108-794-91	MYLAR	0.0015MF 5% 50V
RV5005	1-228-991-00	RES, ADJ, CARBON 2.2K		C506	1-110-182-81	MYLAR	0.022MF 10% 250V
RV5006	1-228-991-00	RES, ADJ, CARBON 2.2K		C507	1-110-327-81	MYLAR	0.33MF 10% 100V
RV5007	1-228-989-00	RES, ADJ, CARBON 470		C508	1-110-182-81	MYLAR	0.022MF 10% 250V
RV5008	1-228-999-00	RES, ADJ, CARBON 470K		C509	1-110-175-81	MYLAR	0.1MF 10% 100V
TRANSFORMER				C510	1-161-959-00	CERAMIC	22PF 10% 500V
T5001	1-413-059-00	TRANSFORMER, FERRITE (DFT)		C511	1-108-620-11	MYLAR	0.0033MF 10% 100V
*****				C512	1-110-175-81	MYLAR	0.1MF 10% 100V
*A-1345-764-A	D BOARD, COMPLETE			C513	1-108-614-11	MYLAR	0.001MF 10% 100V
*****				C514	1-110-179-81	MYLAR	0.22MF 10% 100V
*4-341-751-01	PAWL			C515	1-124-499-11	ELECT	1MF 20% 50V
*4-341-751-01	PAWL			C516	1-108-614-11	MYLAR	0.001MF 10% 100V
*4-341-752-01	EYELET			C517	1-124-252-00	ELECT	0.33MF 20% 50V
CAPACITOR				C518	1-124-902-00	ELECT	0.47MF 20% 50V
C001	1-102-973-00	CERAMIC	100PF 5% 50V	C519	1-136-173-00	FILM	0.47MF 5% 50V
C003	1-110-175-81	MYLAR	0.1MF 10% 100V	C520	1-102-121-00	CERAMIC	0.0022MF 10% 50V
C004	1-123-875-11	ELECT	10MF 20% 50V	C521	1-110-175-81	MYLAR	0.1MF 10% 100V
C005	1-102-074-00	CERAMIC	0.001MF 10% 50V	C524	1-106-355-12	MYLAR	0.0033MF 5% 50V
C007	1-110-171-81	MYLAR	0.047MF 10% 100V	C525	1-102-973-00	CERAMIC	100PF 5% 50V
C008	1-101-880-00	CERAMIC	47PF 5% 50V	C526	1-102-947-00	CERAMIC	10PF 0.5 PF 50V
C009	1-101-884-00	CERAMIC	56PF 5% 50V	C534	1-124-120-11	ELECT	220MF 20% 16V
C010	1-126-101-11	ELECT	100MF 20% 16V	C537	1-124-499-11	ELECT	1MF 20% 50V
C011	1-101-004-00	CERAMIC	0.01MF 50V	C538	1-108-614-11	MYLAR	0.001MF 10% 100V
C012	1-126-101-11	ELECT	100MF 20% 16V	C539	1-102-820-00	CERAMIC	330PF 5% 50V
C013	1-101-004-00	CERAMIC	0.01MF 50V	C591	1-123-875-11	ELECT	10MF 20% 50V
C014	1-124-463-00	ELECT	0.1MF 20% 50V	C592	1-124-477-11	ELECT	47MF 20% 16V
C015	1-126-101-11	ELECT	100MF 20% 16V	C593	1-102-820-00	CERAMIC	330PF 5% 50V
C016	1-101-004-00	CERAMIC	0.01MF 50V	C601	1-161-964-00	CERAMIC	0.0047MF 250V
C017	1-123-875-11	ELECT	10MF 20% 50V	C602	1-161-964-00	CERAMIC	0.0047MF 250V
C018	1-102-980-00	CERAMIC	270PF 5% 50V	C603	1-161-964-00	CERAMIC	0.0047MF 250V
C019	1-110-171-81	MYLAR	0.047MF 10% 100V	C604	1-125-318-00	ELECT(BLOCK)	220MF 20% 400V
C021	1-102-973-00	CERAMIC	100PF 5% 50V	C605	1-124-122-11	ELECT	100MF 20% 50V
C022	1-124-477-11	ELECT	47MF 20% 16V	C606	1-110-175-81	MYLAR	0.1MF 10% 100V
C024	1-124-499-11	ELECT	1MF 20% 50V	C607	1-130-019-91	FILM	0.0012MF 5% 50V
C025	1-102-125-00	CERAMIC	0.0047MF 10% 50V	C608	1-123-875-11	ELECT	10MF 20% 50V
C026	1-102-125-00	CERAMIC	0.0047MF 10% 50V	C611	1-124-122-11	ELECT	100MF 20% 50V
C027	1-110-175-81	MYLAR	0.1MF 10% 100V	C612	1-162-115-00	CERAMIC	330PF 10% 2KV
C028	1-101-361-00	CERAMIC	150PF 5% 50V	C613	1-136-088-00	FILM	0.0022MF 3% 2KV
C029	1-102-121-00	CERAMIC	0.0022MF 10% 50V	C614	1-102-030-00	CERAMIC	330PF 10% 500V
C031	1-124-120-11	ELECT	220MF 20% 16V	C615	1-124-557-11	ELECT	1000MF 20% 25V
C251	1-124-927-11	ELECT	4.7MF 20% 50V	C616	1-102-030-00	CERAMIC	330PF 10% 500V
C252	1-124-927-11	ELECT	4.7MF 20% 50V	C618	1-124-637-11	ELECT	1000MF 20% 50V
				C619	1-124-556-11	ELECT	2200MF 20% 16V
				C620	1-102-074-00	CERAMIC	0.001MF 10% 50V
				C621	1-124-347-00	ELECT	100MF 20% 160V
				C622	1-124-556-11	ELECT	2200MF 20% 16V
				C623	1-124-910-11	ELECT	47MF 20% 50V
				C624	1-124-122-11	ELECT	100MF 20% 50V
				C625	1-124-360-00	ELECT	1000MF 20% 16V
				C626	1-123-875-11	ELECT	10MF 20% 50V

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
C627	1-102-074-00	CERAMIC 0.001MF 10%	50V	D008	8-719-110-85	DIODE RD36ES-B4	
C628	1-124-360-00	ELECT 1000MF 20%	16V	D009	8-719-109-89	DIODE RD5.6ES-B2	
C631	1-124-927-11	ELECT 4.7MF 20%	50V	D011	8-719-911-19	DIODE 1SS119	
C632	1-102-074-00	CERAMIC 0.001MF 10%	50V	D254	8-719-110-14	DIODE RD9.1ES-B3	
C633	1-124-927-11	ELECT 4.7MF 20%	50V	D501	8-719-911-19	DIODE 1SS119	
C636	1-123-258-91	ELECT 3.3MF 20%	50V	D506	8-719-000-12	DIODE MC931	
C801	1-124-913-11	ELECT 470MF 20%	50V	D508	8-719-911-19	DIODE 1SS119	
C802	1-102-030-00	CERAMIC 330PF 10%	500V	D591	8-719-911-19	DIODE 1SS119	
C804	1-123-948-00	ELECT 22MF 20%	250V	D592	8-719-911-19	DIODE 1SS119	
C805	1-162-114-00	CERAMIC 0.0047MF	2KV	D593	8-719-911-19	DIODE 1SS119	
C806	1-110-175-81	MYLAR 0.1MF 10%	100V	D601 $\Delta$	8-719-946-90	DIODE KBU4JL-6088	
C807	1-106-395-00	MYLAR 0.15MF 10%	200V	D602	8-719-924-06	DIODE ERC24-06S	
C810	1-123-024-00	ELECT 33MF	160V	D603	8-719-911-55	DIODE U05G	
C811	1-136-117-00	FILM 2MF 5%	200V	D604	8-719-911-55	DIODE U05G	
C812	1-123-943-00	ELECT 1MF 20%	250V	D605	8-719-911-55	DIODE U05G	
C813	1-102-212-00	CERAMIC 820PF 10%	500V	D606	8-719-924-06	DIODE ERC24-06S	
C814 $\Delta$	1-161-731-11	CERAMIC 0.001MF 10%	2KV	D607	8-719-924-06	DIODE ERC24-06S	
C815	1-136-053-00	FILM 1.2MF 5%	200V	D608	8-719-925-06	DIODE ERC25-06S	
C817	1-136-686-11	FILM 0.018MF 3%	1.4KV	D610	8-719-300-59	DIODE CTU-12S	
C818	1-136-687-11	FILM 0.043MF 5%	630V	D611	8-719-928-08	DIODE ERD28-06S	
C819 $\Delta$	1-161-731-11	CERAMIC 0.001MF 10%	2KV	D612	8-719-300-59	DIODE CTU-12S	
C820	1-110-189-81	MYLAR 0.0082MF 10%	400V	D613	8-719-924-06	DIODE ERC24-06S	
C821 $\Delta$	1-162-116-51	CERAMIC 680PF 10%	2KV	D614	8-719-924-06	DIODE ERC24-06S	
C822	1-102-114-00	CERAMIC 470PF 10%	50V	D615	8-719-109-90	DIODE RD5.6ES-B3	
C823	1-110-186-81	MYLAR 0.0047MF 10%	400V	D616	8-719-109-93	DIODE RD6.2ES-B2	
C824	1-102-212-00	CERAMIC 820PF 10%	500V	D617	8-719-109-93	DIODE RD6.2ES-B2	
C825	1-110-182-81	MYLAR 0.022MF 10%	250V	D618	8-719-109-89	DIODE RD5.6ES-B2	
C826	1-123-875-11	ELECT 10MF 20%	50V	D619	8-719-109-89	DIODE RD5.6ES-B2	
<u>FILTER</u>				D620	8-719-000-12	DIODE MC931	
CF001	1-567-686-11	OSCILLATOR, CERAMIC		D621	8-719-000-12	DIODE MC931	
CF501	1-567-888-11	OSCILLATOR, CERAMIC		D622	8-719-911-19	DIODE 1SS119	
<u>CONNECTOR</u>				D623	8-719-911-19	DIODE 1SS119	
CN801	*1-508-765-00	3P PLUG (M)		D624	8-719-911-19	DIODE 1SS119	
CND01	*1-564-884-11	PLUG, CONNECTOR 7P		D627	8-719-911-19	DIODE 1SS119	
CND02	*1-564-886-11	PLUG, CONNECTOR 9P		D630	8-719-110-39	DIODE RD15ES-B1	
CND11	*1-566-660-11	CONNECTOR, HINGE (PLUG) 18P		D632	8-719-110-16	DIODE RD10ES-B1	
CND12	*1-564-884-11	PLUG, CONNECTOR 7P		D633	8-719-911-19	DIODE 1SS119	
CND21	*1-564-346-00	CONNECTOR, BOARD TO BOARD 18P		D801	8-719-924-06	DIODE ERC24-06S	
CND23	*1-560-124-00	PLUG, CONNECTOR (2.5MM PITCH)		D802	8-719-924-06	DIODE ERC24-06S	
CND31	*1-564-346-00	CONNECTOR, BOARD TO BOARD 18P		D803	8-719-300-65	DIODE ES1F	
CND41	*1-566-367-11	CONNECTOR, HINGE (RECEPTACLE)		D804	8-719-911-55	DIODE U05G	
CND45	*1-564-882-11	PLUG, CONNECTOR 5P		D805	8-719-911-55	DIODE U05G	
CND51	*1-566-367-11	CONNECTOR, HINGE (RECEPTACLE)		D806	8-719-945-80	DIODE ERC06-15S	
CND64	*1-506-349-21	3P PLUG (L)		D807	8-719-945-80	DIODE ERC06-15S	
CND82	*1-508-765-00	3P PLUG (M)		D808	8-719-900-26	DIODE ERD29-08J	
CND83	*1-508-786-00	2P PLUG (M)		D809	8-719-924-06	DIODE ERC24-06S	
CND84	*1-564-038-00	CONNECTOR PLUG, DY (MINI) 6P		<u>IC</u>			
CND86	*1-508-766-00	4P PLUG (M)		IC001	8-759-630-06	IC M50436-614SP	
CND88	*1-564-884-31	PLUG, CONNECTOR 7P		IC002	8-759-971-68	IC MB88503H-597G	
CND91	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P		IC003	8-759-603-41	IC M58655P	
CND92	*1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P		IC004	8-759-157-40	IC UPC574J	
CND94	*1-560-123-00	PLUG, CONNECTOR (2.5MM PITCH)		IC251	8-759-803-31	IC LA4280	
<u>DIODE</u>				*4-368-683-01		SPRING; IC251	
D001	8-719-911-19	DIODE 1SS119		IC401	8-759-913-13	IC CX20061	
D002	8-719-911-19	DIODE 1SS119		IC501	8-759-970-73	IC TEA2028B	
D003	8-719-911-19	DIODE 1SS119		IC601	8-759-946-23	IC TEA2164	
D004	8-719-911-19	DIODE 1SS119		*4-386-642-01		HEAT SINK, IC; IC601	
D005	8-719-109-71	DIODE RD3.9ES-B1		<u>COIL</u>			
D007	8-719-109-89	DIODE RD5.6ES-B2		L001	1-410-475-21	INDUCTOR 27UH	
				L601	*1-420-872-00	COIL, AIR CORE	
				L602	1-410-396-41	FERRITE BEAD INDUCTOR	

The components identified by shading and mark  $\Delta$  are critical for safety.  
Replace only with part number specified.

KV-C27TD  
RM-673

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
L603	1-410-396-41	FERRITE BEAD INDUCTOR		R016	1-249-429-11	CARBON 10K 5% 1/4W	
L605	1-459-442-00	COIL (WITH CORE)		R017	1-249-417-11	CARBON 1K 5% 1/4W	
L606	1-421-013-00	COIL, (HORIZONTAL CHOKE) 25UH		R018	1-249-417-11	CARBON 1K 5% 1/4W	
L607	1-410-482-31	INDUCTOR 100UH		R019	1-249-433-11	CARBON 22K 5% 1/4W	
L801	1-459-087-00	COIL, HCC DUST CORE 3.9MMH		R020	1-249-433-11	CARBON 22K 5% 1/4W	
L803	1-459-104-00	COIL, DUST CORE		R021	1-249-433-11	CARBON 22K 5% 1/4W	
L804	1-408-239-00	INDUCTOR 4.7MMH		R022	1-249-433-11	CARBON 22K 5% 1/4W	
L805 $\Delta$	1-459-697-11	COIL, HORIZONTAL LINEARITY		R023	1-249-429-11	CARBON 10K 5% 1/4W	
L806	1-459-087-00	COIL, HCC DUST CORE 3.9MMH		R024	1-249-429-11	CARBON 10K 5% 1/4W	
L807	1-408-242-00	INDUCTOR 10MMH		R025	1-249-417-11	CARBON 1K 5% 1/4W	
L809	*1-420-872-00	COIL, AIR CORE		R030	1-249-425-11	CARBON 4.7K 5% 1/4W	
L810	1-421-982-11	PMC		R031	1-249-429-11	CARBON 10K 5% 1/4W	
<u>IC LINK</u>				R032	1-249-417-11	CARBON 1K 5% 1/4W	
PS601 $\Delta$	1-532-984-91	LINK, IC		R033	1-249-413-11	CARBON 470 5% 1/4W	
PS602 $\Delta$	1-532-675-91	LINK, IC		R034	1-249-413-11	CARBON 470 5% 1/4W	
<u>TRANSISTOR</u>				R035	1-249-431-11	CARBON 15K 5% 1/4W	
Q001	8-729-178-54	TRANSISTOR 2SC2785		R036	1-249-421-11	CARBON 2.2K 5% 1/4W	
Q002	8-729-117-54	TRANSISTOR 2SA1175		R037	1-249-417-11	CARBON 1K 5% 1/4W	
Q003	8-729-117-54	TRANSISTOR 2SA1175		R038	1-249-417-11	CARBON 1K 5% 1/4W	
Q004	8-729-117-54	TRANSISTOR 2SA1175		R039	1-249-417-11	CARBON 1K 5% 1/4W	
Q252	8-729-900-36	TRANSISTOR DTC124ES-TP		R040	1-249-417-11	CARBON 1K 5% 1/4W	
Q501	8-729-117-54	TRANSISTOR 2SA1175		R041	1-249-417-11	CARBON 1K 5% 1/4W	
Q502	8-729-117-54	TRANSISTOR 2SA1175		R042	1-249-417-11	CARBON 1K 5% 1/4W	
Q503	8-729-178-54	TRANSISTOR 2SC2785		R043	1-249-417-11	CARBON 1K 5% 1/4W	
Q505	8-729-177-43	TRANSISTOR 2SD774		R044	1-249-429-11	CARBON 10K 5% 1/4W	
Q506	8-729-103-43	TRANSISTOR 2SB734		R045	1-249-417-11	CARBON 1K 5% 1/4W	
Q507	8-729-117-54	TRANSISTOR 2SA1175		R046	1-249-429-11	CARBON 10K 5% 1/4W	
Q591	8-729-178-54	TRANSISTOR 2SC2785		R048	1-249-417-11	CARBON 1K 5% 1/4W	
Q598	8-729-178-54	TRANSISTOR 2SC2785		R049	1-249-417-11	CARBON 1K 5% 1/4W	
Q601	8-729-904-32	TRANSISTOR 2SB1185-E		R050	1-249-433-11	CARBON 22K 5% 1/4W	
Q602	8-729-209-02	TRANSISTOR 2SD1548-LB		R051	1-249-429-11	CARBON 10K 5% 1/4W	
*4-368-683-01	SPRING; Q602			R052	1-249-439-11	CARBON 68K 5% 1/4W	
Q603	8-729-904-32	TRANSISTOR 2SB1185-E		R053	1-249-437-11	CARBON 47K 5% 1/4W	
Q604	8-729-378-91	TRANSISTOR 2SD789		R054	1-249-417-11	CARBON 1K 5% 1/4W	
Q605	8-729-178-54	TRANSISTOR 2SC2785		R057	1-249-409-11	CARBON 220 5% 1/4W	
Q606	8-729-178-54	TRANSISTOR 2SC2785		R058	1-249-409-11	CARBON 220 5% 1/4W	
Q607	8-729-904-27	TRANSISTOR 2SD1761-E		R061	1-249-417-11	CARBON 1K 5% 1/4W	
Q608	8-729-904-27	TRANSISTOR 2SD1761-E		R062	1-249-411-11	CARBON 330 5% 1/4W	
*4-368-683-01	SPRING; Q608			R063	1-249-431-11	CARBON 15K 5% 1/4W	
Q609	8-729-378-91	TRANSISTOR 2SD789		R064	1-249-429-11	CARBON 10K 5% 1/4W	
Q801	8-729-178-54	TRANSISTOR 2SC2785		R067	1-249-413-11	CARBON 470 5% 1/4W	
Q804	8-729-304-50	TRANSISTOR 2SD1941-06		R068	1-249-421-11	CARBON 2.2K 5% 1/4W	
*4-368-683-01	SPRING; Q804			R069	1-249-423-11	CARBON 3.3K 5% 1/4W	
Q805	8-729-168-82	TRANSISTOR 2SC2688		R070	1-249-417-11	CARBON 1K 5% 1/4W	
<u>RESISTOR</u>				R071	1-249-417-11	CARBON 1K 5% 1/4W	
R001	1-249-417-11	CARBON 1K 5% 1/4W		R072	1-249-417-11	CARBON 1K 5% 1/4W	
R002	1-249-417-11	CARBON 1K 5% 1/4W		R073	1-249-417-11	CARBON 1K 5% 1/4W	
R003	1-249-417-11	CARBON 1K 5% 1/4W		R074	1-249-417-11	CARBON 1K 5% 1/4W	
R004	1-249-417-11	CARBON 1K 5% 1/4W		R075	1-249-417-11	CARBON 1K 5% 1/4W	
R005	1-249-411-11	CARBON 330 5% 1/4W		R077	1-249-413-11	CARBON 470 5% 1/4W	
R006	1-249-417-11	CARBON 1K 5% 1/4W		R078	1-249-423-11	CARBON 3.3K 5% 1/4W	
R007	1-249-405-11	CARBON 100 5% 1/4W		R079	1-249-435-11	CARBON 33K 5% 1/4W	
R008	1-249-417-11	CARBON 1K 5% 1/4W		R080	1-249-429-11	CARBON 10K 5% 1/4W	
R009	1-249-417-11	CARBON 1K 5% 1/4W		R081	1-249-441-11	CARBON 100K 5% 1/4W	
R010	1-249-413-11	CARBON 470 5% 1/4W		R083	1-249-429-11	CARBON 10K 5% 1/4W	
R011	1-249-417-11	CARBON 1K 5% 1/4W		R084	1-249-413-11	CARBON 470 5% 1/4W	
R012	1-249-417-11	CARBON 1K 5% 1/4W		R085	1-249-429-11	CARBON 10K 5% 1/4W	
R013	1-249-417-11	CARBON 1K 5% 1/4W		R086	1-249-417-11	CARBON 1K 5% 1/4W	
R014	1-249-417-11	CARBON 1K 5% 1/4W		R087	1-249-417-11	CARBON 1K 5% 1/4W	
				R088	1-249-425-11	CARBON 4.7K 5% 1/4W	
				R090	1-249-413-11	CARBON 470 5% 1/4W	
				R091	1-249-409-11	CARBON 220 5% 1/4W	
				R093	1-249-429-11	CARBON 10K 5% 1/4W	
				R094	1-249-429-11	CARBON 10K 5% 1/4W	
				R095	1-249-409-11	CARBON 220 5% 1/4W	

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Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R096	1-249-409-11	CARBON	220	5%	1/4W		R556	1-249-405-11	CARBON	100	5%	1/4W	
R097	1-249-429-11	CARBON	10K	5%	1/4W		R557	1-249-425-11	CARBON	4.7K	5%	1/4W	
R098	1-249-429-11	CARBON	10K	5%	1/4W		R558	1-247-895-00	CARBON	470K	5%	1/4W	
R099	1-215-900-11	METAL OXIDE	22K	5%	2W	F	R559	1-249-427-11	CARBON	6.8K	5%	1/4W	
R251	1-249-417-11	CARBON	1K	5%	1/4W		R560	1-249-411-11	CARBON	330	5%	1/4W	
R252	1-249-413-11	CARBON	470	5%	1/4W		R591	1-249-427-11	CARBON	6.8K	5%	1/4W	
R253	1-249-413-11	CARBON	470	5%	1/4W		R592	1-249-429-11	CARBON	10K	5%	1/4W	
R255	1-249-385-11	CARBON	2.2	5%	1/4W	F	R593	1-249-429-11	CARBON	10K	5%	1/4W	
R256	1-249-385-11	CARBON	2.2	5%	1/4W	F	R594	1-249-424-11	CARBON	3.9K	5%	1/4W	
R260	1-249-393-11	CARBON	10	5%	1/4W		R595	1-249-417-11	CARBON	1K	5%	1/4W	
R261	1-249-429-11	CARBON	10K	5%	1/4W		R596	1-249-425-11	CARBON	4.7K	5%	1/4W	
R262	1-249-413-11	CARBON	470	5%	1/4W		R597	1-249-425-11	CARBON	4.7K	5%	1/4W	
R263	1-249-421-11	CARBON	2.2K	5%	1/4W		R598	1-249-405-11	CARBON	100	5%	1/4W	
R264	1-249-421-11	CARBON	2.2K	5%	1/4W		R599	1-249-405-11	CARBON	100	5%	1/4W	
R265	1-249-425-11	CARBON	4.7K	5%	1/4W		R602	1-215-901-00	METAL OXIDE	33K	5%	2W	F
R266	1-249-425-11	CARBON	4.7K	5%	1/4W		R603	1-216-359-00	METAL OXIDE	6.8	5%	1W	F
R401	1-249-434-11	CARBON	27K	5%	1/4W		R604	1-249-414-11	CARBON	560	5%	1/4W	
R402	1-249-435-11	CARBON	33K	5%	1/4W		R605	1-215-469-00	METAL	100K	1%	1/6W	
R410	1-249-413-11	CARBON	470	5%	1/4W		R606	1-215-440-00	CARBON	6.2K	5%	1/4W	
R411	1-249-413-11	CARBON	470	5%	1/4W		R607	1-249-434-11	CARBON	27K	5%	1/4W	
R412	1-249-413-11	CARBON	470	5%	1/4W		R608	1-215-901-00	METAL OXIDE	33K	5%	2W	F
R500	1-215-487-00	CARBON	560K	5%	1/4W		R609	1-249-401-11	CARBON	47	5%	1/4W	
R501	1-249-413-11	CARBON	470	5%	1/4W		R610	1-249-385-11	CARBON	2.2	5%	1/4W	F
R502	1-249-409-11	CARBON	220	5%	1/4W		R611	1-249-385-11	CARBON	2.2	5%	1/4W	F
R503	1-249-410-11	CARBON	270	5%	1/4W		R612	1-217-193-00	WIREWOUND	0.27	10%	2W	F
R504	1-215-427-00	METAL	1.8K	1%	1/6W		R613	1-249-401-11	CARBON	47	5%	1/4W	
R505	1-249-431-11	CARBON	15K	5%	1/4W		R614	1-205-919-11	WIREWOUND	220	10%	10W	F
R506	1-249-428-11	CARBON	8.2K	5%	1/4W		R616	1-249-417-11	CARBON	1K	5%	1/4W	
R507	1-247-891-00	CARBON	330K	5%	1/4W		R617	1-249-411-11	CARBON	330	5%	1/4W	
							R618	1-218-022-51	METAL OXIDE	560	5%	1W	
R509	1-249-424-11	CARBON	3.9K	5%	1/4W		R619	1-249-429-11	CARBON	10K	5%	1/4W	
R510	1-249-426-11	CARBON	5.6K	5%	1/4W		R620	1-249-433-11	CARBON	22K	5%	1/4W	
R511	1-249-429-11	CARBON	10K	5%	1/4W		R621	1-249-431-11	CARBON	15K	5%	1/4W	
R512	1-247-891-00	CARBON	330K	5%	1/4W		R622	1-249-429-11	CARBON	10K	5%	1/4W	
R513	1-249-429-11	CARBON	10K	5%	1/4W		R623	1-249-377-11	CARBON	0.47	5%	1/4W	F
R514	1-249-409-11	CARBON	220	5%	1/4W		R624	1-249-411-11	CARBON	330	5%	1/4W	
R515	1-249-423-11	CARBON	3.3K	5%	1/4W		R625	1-218-017-51	METAL OXIDE	220	5%	1W	
R516	1-249-408-11	CARBON	180	5%	1/4W		R626	1-249-411-11	CARBON	330	5%	1/4W	
R517	1-249-429-11	CARBON	10K	5%	1/4W		R627	1-218-019-51	METAL OXIDE	330	5%	1W	
R518	1-249-437-11	CARBON	47K	5%	1/4W		R628	1-249-393-11	CARBON	10	5%	1/4W	
R519	1-249-433-11	CARBON	22K	5%	1/4W		R629	1-249-411-11	CARBON	330	5%	1/4W	
R520	1-249-411-11	CARBON	330	5%	1/4W		R630	1-249-437-11	CARBON	47K	5%	1/4W	
R521	1-249-405-11	CARBON	100	5%	1/4W		R633	1-249-405-11	CARBON	100	5%	1/4W	
R522	1-215-469-00	METAL	100K	1%	1/6W		R634	1-218-020-51	METAL OXIDE	390	5%	1W	
R523	1-249-417-11	CARBON	1K	5%	1/4W		R635	1-249-429-11	CARBON	10K	5%	1/4W	
R524	1-249-421-11	CARBON	2.2K	5%	1/4W		R636	1-249-429-11	CARBON	10K	5%	1/4W	
R525	1-249-417-11	CARBON	1K	5%	1/4W		R642	1-216-343-00	METAL OXIDE	0.33	5%	1W	F
R528	1-249-408-11	CARBON	180	5%	1/4W		R643	1-217-192-21	WIREWOUND	0.22	10%	2W	F
R529	1-249-427-11	CARBON	6.8K	5%	1/4W		R647	1-216-485-11	METAL OXIDE	5.6K	5%	3W	F
R530	1-249-448-11	CARBON	1.2	5%	1/4W	F	R648	1-216-485-11	METAL OXIDE	5.6K	5%	3W	F
R534	1-215-491-00	CARBON	820K	5%	1/4W		R649	1-249-385-11	CARBON	2.2	5%	1/4W	
R536	1-249-749-00	CARBON	2.2M	5%	1/4W		R650	1-249-417-11	CARBON	1K	5%	1/4W	
R538	1-247-883-00	CARBON	150K	5%	1/4W		R651	1-249-405-11	CARBON	100	5%	1/4W	
R539	1-247-883-00	CARBON	150K	5%	1/4W		R652	1-247-903-00	CARBON	1M	5%	1/4W	
R540	1-249-399-11	CARBON	33	5%	1/4W		R802	1-249-443-11	CARBON	0.47	5%	1/4W	F
R541	1-249-438-11	CARBON	56K	5%	1/4W		R805	1-249-448-11	CARBON	1.2	5%	1/4W	F
R542	1-249-425-11	CARBON	4.7K	5%	1/4W		R806	1-249-439-11	CARBON	68K	5%	1/4W	
R546	1-249-434-11	CARBON	27K	5%	1/4W		R807	1-218-025-51	METAL OXIDE	1K	5%	1W	
R549	1-215-890-11	METAL OXIDE	470	5%	2W	F	R809	1-202-821-11	SOLID	1.8K	10%	1/2W	
R550	1-249-440-11	CARBON	82K	5%	1/4W		R810	1-202-818-00	SOLID	1K	10%	1/2W	
R551	1-249-749-00	CARBON	2.2M	5%	1/4W		R811	1-215-882-00	METAL OXIDE	22	5%	2W	F
R552	1-218-026-51	METAL OXIDE	1.2K	5%	1W		R812	1-244-917-00	CARBON	68K	5%	1/2W	
R553	1-218-025-51	METAL OXIDE	1K	5%	1W		R815	1-215-884-11	METAL OXIDE	47	5%	2W	F
R554	1-249-411-11	CARBON	330	5%	1/4W		R816	1-218-023-51	METAL OXIDE	680	5%	1W	
R555	1-249-749-00	CARBON	2.2M	5%	1/4W		R817	1-249-417-11	CARBON	1K	5%	1/4W	

**D V**

Ref.No.	Part No.	Description	Remark				Ref.No.	Part No.	Description	Remark			
R820	1-249-403-11	CARBON	68	5%	1/4W		C19	1-110-171-81	MYLAR	0.047MF	10%	100V	
R821	1-247-725-11	CARBON	10K	5%	1/4W	F	C20	1-102-978-00	CERAMIC	220PF	5%	50V	
R822	1-217-778-11	FUSIBLE	1K	5%	1W	F	C21	1-110-173-81	MYLAR	0.068MF	10%	100V	
R825	1-216-342-11	METAL OXIDE	0.27	5%	1W	F	C24	1-126-101-11	ELECT	100MF	20%	16V	
R826	1-249-441-11	CARBON	100K	5%	1/4W		C25	1-124-477-11	ELECT	47MF	20%	16V	
R827	1-249-429-11	CARBON	10K	5%	1/4W		C27	1-102-820-00	CERAMIC	330PF	5%	50V	
R828	1-249-423-11	CARBON	3.3K	5%	1/4W		C28	1-102-116-00	CERAMIC	680PF	10%	50V	
R829	1-249-415-11	CARBON	680	5%	1/4W		C29	1-124-927-11	ELECT	4.7MF	20%	50V	
R830	1-249-429-11	CARBON	10K	5%	1/4W		C51	1-110-175-81	MYLAR	0.1MF	10%	100V	
R831	1-215-088-00	METAL	2.2	5%	1/4W		C52	1-110-175-81	MYLAR	0.1MF	10%	100V	
R1001	1-249-421-11	CARBON	2.2K	5%	1/4W		C53	1-110-175-81	MYLAR	0.1MF	10%	100V	
R1005	1-249-408-11	CARBON	180	5%	1/4W		C54	1-110-175-81	MYLAR	0.1MF	10%	100V	
R1006	1-249-408-11	CARBON	180	5%	1/4W		C55	1-110-175-81	MYLAR	0.1MF	10%	100V	
R1007	1-249-408-11	CARBON	180	5%	1/4W		C56	1-110-175-81	MYLAR	0.1MF	10%	100V	
R1009	1-249-417-11	CARBON	1K	5%	1/4W		C57	1-102-074-00	CERAMIC	0.001MF	10%	50V	
R5501	1-249-429-11	CARBON	10K	5%	1/4W		C58	1-102-074-00	CERAMIC	0.001MF	10%	50V	
R5502	1-249-417-11	CARBON	1K	5%	1/4W		C59	1-102-074-00	CERAMIC	0.001MF	10%	50V	
R5503	1-249-389-11	CARBON	4.7	5%	1/4W		FILM						
R5504	1-247-903-00	CARBON	1M	5%	1/4W		CP01	1-235-977-11	NETWORK, RES, THICK FILM				
VARIABLE RESISTOR							CP02	1-235-977-11	NETWORK, RES, THICK FILM				
RV501	1-228-991-00	RES, ADJ, CARBON	2.2K				TRIMMER						
RV502	1-230-630-11	RES, ADJ, CARBON	10K				CT01	1-141-181-11	CAP, TRIMMER				
RV601	1-228-990-00	RES, ADJ, CARBON	1K				DIODE						
SPARK GAP							D01	8-719-109-89	DIODE RD5.6ES-B2				
S6801	1-519-063-XX	DISCHARGING GAP					D02	8-719-110-36	DIODE RD13ES-B2				
TRANSFORMER							D03	8-719-911-19	DIODE 1SS119				
T601	1-448-961-11	S.R.T					D04	8-719-109-69	DIODE RD3.6ES-B2				
T602	1-424-011-11	TRANSFORMER, PULSE					D07	8-719-109-96	DIODE RD6.8ES-B1				
T801	1-437-090-21	HDT					D08	8-719-109-96	DIODE RD6.8ES-B1				
TERMINAL PIN							IC						
TP91	*1-535-084-00	1P TERMINAL PIN					IC01	8-759-972-41	IC MAB8461P-W136				
*****							IC02	8-759-947-51	IC SAA5231-V4				
*A-1347-014-A V BOARD, COMPLETE							IC03	8-759-946-85	IC SAA5243E				
*****							IC04	8-759-113-01	IC UPD4364CX-151				
CAPACITOR							COIL						
C01	1-126-101-11	ELECT	100MF	20%	16V	L01	1-408-411-00	INDUCTOR	15UH				
C02	1-124-120-11	ELECT	220MF	20%	16V	L02	1-410-468-11	INDUCTOR	6.8UH				
C03	1-124-119-00	ELECT	330MF	20%	16V	L03	1-410-468-11	INDUCTOR	6.8UH				
C04	1-124-477-11	ELECT	47MF	20%	16V	L04	1-410-468-11	INDUCTOR	6.8UH				
C05	1-126-101-11	ELECT	100MF	20%	16V	L05	1-410-468-11	INDUCTOR	6.8UH				
C06	1-124-120-11	ELECT	220MF	20%	16V	L06	1-410-468-11	INDUCTOR	6.8UH				
C07	1-124-499-11	ELECT	1MF	20%	50V	TRANSISTOR							
C08	1-102-951-00	CERAMIC	15PF	5%	50V	Q01	8-729-904-27	TRANSISTOR 2SD1761-E					
C09	1-102-074-00	CERAMIC	0.001MF	10%	50V	Q02	8-729-177-43	TRANSISTOR 2SD774					
C10	1-102-824-00	CERAMIC	470PF	5%	50V	Q03	8-729-900-80	TRANSISTOR DTC114ES					
C11	1-110-182-81	MYLAR	0.022MF	10%	250V	Q04	8-729-178-54	TRANSISTOR 2SC2785					
C12	1-102-980-00	CERAMIC	270PF	5%	50V	Q05	8-729-177-43	TRANSISTOR 2SD774					
C13	1-102-973-00	CERAMIC	100PF	5%	50V	Q06	8-729-178-54	TRANSISTOR 2SC2785					
C14	1-102-951-00	CERAMIC	15PF	5%	50V	Q07	8-729-178-54	TRANSISTOR 2SC2785					
C15	1-102-961-00	CERAMIC	27PF	5%	50V	Q09	8-729-117-54	TRANSISTOR 2SA1175					
C16	1-110-190-81	MYLAR	0.01MF	10%	400V	Q10	8-729-117-54	TRANSISTOR 2SA1175					
C17	1-110-171-81	MYLAR	0.047MF	10%	100V	Q11	8-729-117-54	TRANSISTOR 2SA1175					
C18	1-102-953-00	CERAMIC	18PF	5%	50V								



**J1****H7****H8**

Ref.No.	Part No.	Description
D1502	8-719-911-19	DIODE 1SS119
D1504	8-719-911-19	DIODE 1SS119
D1505	8-719-000-12	DIODE MC931
D1506	8-719-110-85	DIODE RD36ES-B4
D1507	8-719-911-19	DIODE 1SS119
D1509	8-719-911-19	DIODE 1SS119
D1551	8-719-110-64	DIODE RD24ES-B4
D1552	8-719-924-06	DIODE ERC24-06S

IC

IC1402	8-759-946-32	IC TEA2014A
IC1501	8-759-942-16	IC TEA2031A

COIL

L1401	1-412-043-11	INDUCTOR, WIDE BAND
L1402	1-412-043-11	INDUCTOR, WIDE BAND

TRANSISTOR

Q1551	8-729-178-54	TRANSISTOR 2SC2785
Q1552	8-729-177-43	TRANSISTOR 2SD774

RESISTOR

R1417	1-249-404-00	CARBON	82	5%	1/4W
R1423	1-249-426-11	CARBON	5.6K	5%	1/4W
R1424	1-249-426-11	CARBON	5.6K	5%	1/4W
R1428	1-247-895-00	CARBON	470K	5%	1/4W
R1429	1-247-895-00	CARBON	470K	5%	1/4W
R1430	1-215-126-81	METAL	82	5%	1/4W
R1433	1-249-409-11	CARBON	220	5%	1/4W
R1434	1-249-393-11	CARBON	10	5%	1/4W
R1437	1-249-429-11	CARBON	10K	5%	1/4W
R1440	1-249-415-11	CARBON	680	5%	1/4W
R1441	1-249-415-11	CARBON	680	5%	1/4W
R1442	1-249-437-11	CARBON	47K	5%	1/4W
R1443	1-249-437-11	CARBON	47K	5%	1/4W
R1454	1-215-134-00	METAL	180	5%	1/4W
R1455	1-215-134-00	METAL	180	5%	1/4W
R1501	1-249-433-11	CARBON	22K	5%	1/4W
R1502	1-215-455-00	METAL	27K	1%	1/6W
R1503	1-247-895-00	CARBON	470K	5%	1/4W
R1504	1-215-457-00	METAL	33K	1%	1/6W
R1505	1-249-433-11	CARBON	22K	5%	1/4W
R1506	1-247-895-00	CARBON	470K	5%	1/4W
R1509	1-249-436-11	CARBON	39K	5%	1/4W
R1510	1-249-426-11	CARBON	5.6K	5%	1/4W
R1511	1-249-419-11	CARBON	1.5K	5%	1/4W
R1512	1-249-429-11	CARBON	10K	5%	1/4W
R1513	1-249-438-11	CARBON	56K	5%	1/4W
R1514	1-249-417-11	CARBON	1K	5%	1/4W
R1515	1-215-489-00	CARBON	680K	5%	1/4W
R1516	1-249-432-11	CARBON	18K	5%	1/4W
R1518	1-249-429-11	CARBON	10K	5%	1/4W
R1519	1-247-883-00	CARBON	150K	5%	1/4W
R1520	1-247-895-00	CARBON	470K	5%	1/4W
R1521	1-249-425-11	CARBON	4.7K	5%	1/4W
R1522	1-247-887-00	CARBON	220K	5%	1/4W
R1551	1-215-870-11	METAL OXIDE	1.5K	5%	1W
R1552	1-249-433-11	CARBON	22K	5%	1/4W
R1553	1-216-434-11	METAL OXIDE	1.8K	5%	1W
R1554	1-249-411-11	CARBON	330	5%	1/4W
R1556	1-249-426-11	CARBON	5.6K	5%	1/4W

Ref.No.	Part No.	Description	Remark
R1558	1-249-425-11	CARBON	4.7K 5% 1/4W
R1559	1-249-441-11	CARBON	100K 5% 1/4W

VARIABLE RESISTOR

RV1501	1-228-999-00	RES, ADJ, CARBON 470K
RV1502	1-224-252-XX	RES, ADJ, METAL GLAZE 10K
RV1503	1-228-995-00	RES, ADJ, CARBON 22K
RV1504	1-228-990-00	RES, ADJ, CARBON 1K
RV1505	1-228-998-00	RES, ADJ, CARBON 220K
RV1506	1-228-995-00	RES, ADJ, CARBON 22K
RV1508	1-228-994-00	RES, ADJ, CARBON 10K
RV1509	1-228-999-00	RES, ADJ, CARBON 470K

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\*1-625-203-11 H7 BOARD  
\*\*\*\*\*CONNECTOR

CNH702*1-564-898-11	PLUG, CONNECTOR 9P
CNH703*1-564-892-41	PLUG, CONNECTOR 3P

DIODE

D1405	8-719-812-41	DIODE TL124
	4-359-103-00	HOLDER, LED; D1405

SWITCH

S1401	1-571-085-21	SWITCH, TACTICLE
S1402	1-571-085-21	SWITCH, TACTICLE
S1403	1-571-085-21	SWITCH, TACTICLE
S1404	1-571-085-21	SWITCH, TACTICLE
S1405	1-571-085-21	SWITCH, TACTICLE
S1406	1-571-085-21	SWITCH, TACTICLE
S1408	1-571-085-21	SWITCH, TACTICLE
S1409	1-571-085-21	SWITCH, TACTICLE
S1410	1-571-085-21	SWITCH, TACTICLE
S1411	1-571-085-21	SWITCH, TACTICLE
S1412	1-571-085-21	SWITCH, TACTICLE
S1414	1-571-085-21	SWITCH, TACTICLE

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\*1-625-204-11 H8 BOARD  
\*\*\*\*\*CONNECTOR

CNH801*1-564-896-11	PLUG, CONNECTOR 7P
CNH803*1-564-892-41	PLUG, CONNECTOR 3P

DIODE

D1401	8-719-101-08	DIODE SR108D
	*4-387-801-01	HOLDER, LED; D1401
D1402	8-719-101-08	DIODE SR108D
	*4-387-801-01	HOLDER, LED; D1402
D1403	8-719-101-08	DIODE SR108D
	*4-387-801-01	HOLDER, LED; D1403
D1404	8-719-101-08	DIODE SR108D
	*4-387-801-01	HOLDER, LED; D1404

**H8****KS**

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
<u>IC</u>				R214	1-249-417-11	CARBON 1K 5% 1/4W	
IC1401	8-741-138-70	IC BX-1387		R215	1-249-433-11	CARBON 22K 5% 1/4W	
*****				R216	1-249-433-11	CARBON 22K 5% 1/4W	
*1-625-206-11	KS BOARD	*****		R217	1-249-431-11	CARBON 15K 5% 1/4W	
<u>CAPACITOR</u>				R218	1-249-417-11	CARBON 1K 5% 1/4W	
C202	1-124-902-00	ELECT 0.47MF 20% 50V		R219	1-249-429-11	CARBON 10K 5% 1/4W	
C204	1-124-902-00	ELECT 0.47MF 20% 50V		R221	1-249-417-11	CARBON 1K 5% 1/4W	
C213	1-124-908-11	ELECT 22MF 20% 50V		R222	1-249-417-11	CARBON 1K 5% 1/4W	
C214	1-110-188-81	MYLAR 0.0068MF 10% 400V		R225	1-249-417-11	CARBON 1K 5% 1/4W	
C217	1-110-188-81	MYLAR 0.0068MF 10% 400V		R226	1-249-417-11	CARBON 1K 5% 1/4W	
C218	1-110-182-81	MYLAR 0.022MF 10% 250V		<u>MISCELLANEOUS</u>			
C219	1-110-182-81	MYLAR 0.022MF 10% 250V		*****			
C220	1-108-620-11	MYLAR 0.0033MF 10% 100V		Δ 1-228-544-12	RESISTOR ASSY, HIGH-VOLTAGE		
C221	1-108-620-11	MYLAR 0.0033MF 10% 100V		Δ 1-451-255-41	DEFLECTION YOKE (SY-164)		
C222	1-110-182-81	MYLAR 0.022MF 10% 250V		1-452-032-00	MAGNET, DISK; 10MM Ø		
C223	1-110-182-81	MYLAR 0.022MF 10% 250V		1-452-094-00	MAGNET, ROTATABE DISK; 15MM Ø		
C224	1-110-190-81	MYLAR 0.01MF 10% 400V		1-452-146-21	MAGNET, BMC		
C225	1-136-173-00	FILM 0.47MF 5% 50V		1-452-391-21	NECK ASSY, PICTURE TUBE (NA305)		
C226	1-136-173-00	FILM 0.47MF 5% 50V		1-503-642-11	SPEAKER		
C227	1-110-182-81	MYLAR 0.022MF 10% 250V		1-559-865-11	LEAD ASSY, HIGH-VOLTAGE		
C228	1-110-184-81	MYLAR 0.033MF 10% 250V		Δ 1-559-346-11	CORD, POWER (WITH CONNECTOR)(AEP ONLY)		
C229	1-110-192-81	MYLAR 0.015MF 10% 400V		Δ 1-559-912-12	CORD, POWER (WITH CONNECTOR)(AUS ONLY)		
C230	1-110-192-81	MYLAR 0.015MF 10% 400V		L901 Δ 1-426-278-12	COIL, DEMAGNETIZATION		
C231	1-124-902-00	ELECT 0.47MF 20% 50V		T802 Δ 1-439-418-21	TRANSFORMER ASSY, FLYBACK		
C232	1-123-875-11	ELECT 10MF 20% 50V		V901 Δ 8-736-653-05	PICTURE TUBE (A64JKJ60X)(AEP ONLY)		
C233	1-102-114-00	CERAMIC 470PF 10% 50V		V901 Δ 8-736-654-05	PICTURE TUBE (A64JKJ10X)(AUS ONLY)		
C234	1-102-114-00	CERAMIC 470PF 10% 50V		*****			
C235	1-102-114-00	CERAMIC 470PF 10% 50V		<u>ACCESSORIES AND PACKING MATERIAS</u>			
C236	1-102-114-00	CERAMIC 470PF 10% 50V		*****			
C237	1-124-902-00	ELECT 0.47MF 20% 50V					
C238	1-102-978-00	CERAMIC 220PF 5% 50V		<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	
C239	1-126-103-11	ELECT 470MF 20% 16V		A-1470-844-A	COMMANDER ASSY (RM-673)		
<u>CONNECTOR</u>				*4-380-432-01	BAG, PROTECTION		
CNK21	*1-562-370-21	CONNECTOR, BOARD TO BOARD 18P		*4-389-129-01	CUSHION (UPPER) (ASSY)		
<u>DIODE</u>				*4-389-130-01	INDIVIDUAL CARTON		
D205	8-719-110-04	DIODE RD7.5ES-B3		*4-389-131-01	CUSHION (LOWER)		
D206	8-719-110-04	DIODE RD7.5ES-B3		*4-389-134-01	CUSHION (FRONT)		
<u>IC</u>				4-482-576-11	MANUAL, INSTRUCTION (FOR OTHERS)		
IC201	8-759-013-17	IC TDA6200		4-482-576-41	MANUAL, INSTRUCTION (FOR GERMANY)		
<u>RESISTOR</u>							
R204	1-249-435-11	CARBON 33K 5% 1/4W					
R205	1-249-435-11	CARBON 33K 5% 1/4W					
R206	1-249-423-11	CARBON 3.3K 5% 1/4W					
R207	1-249-423-11	CARBON 3.3K 5% 1/4W					
R208	1-249-431-11	CARBON 15K 5% 1/4W					
R209	1-249-433-11	CARBON 22K 5% 1/4W					
R210	1-249-431-11	CARBON 15K 5% 1/4W					
R211	1-249-441-11	CARBON 100K 5% 1/4W					
R212	1-249-433-11	CARBON 22K 5% 1/4W					
R213	1-249-431-11	CARBON 15K 5% 1/4W					

Part No.	Description	Remark
A-1470-844-A	COMMANDER ASSY (RM-673)	
*4-380-432-01	BAG, PROTECTION	
*4-389-129-01	CUSHION (UPPER) (ASSY)	
*4-389-130-01	INDIVIDUAL CARTON	
*4-389-131-01	CUSHION (LOWER)	
*4-389-134-01	CUSHION (FRONT)	
4-482-576-11	MANUAL, INSTRUCTION (FOR OTHERS)	
4-482-576-41	MANUAL, INSTRUCTION (FOR GERMANY)	